

38999

III

II

SJT

26482

Matrix 2

83723 III

Matrix Pyle

5015

Crimp Rear Release Matrix

26500 Pyle

Printed Circuit Board

EMI Filter Transient

Fiber Optics

High Speed Contacts

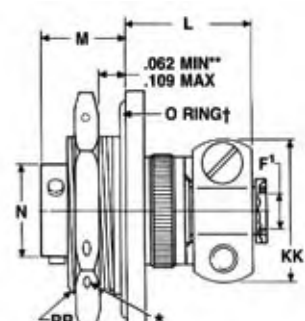
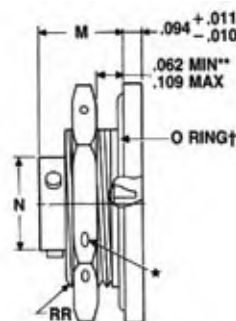
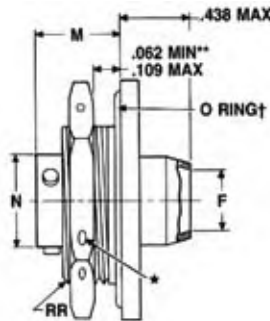
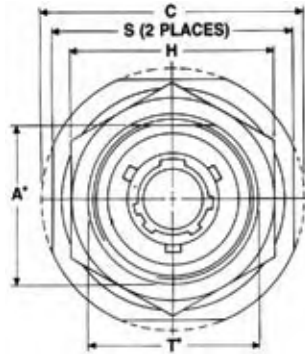
Options Others

### PART # Commercial

Part number reference. To complete, see how to order pages 46-50.

| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| JT/JTN         | P           | RE            | 22-2                     | P            | A                  | (XXX)              |

Military qualified to MIL-DTL-27599



- \* .059 dia. min. 3 lockwire holes
- "D" shaped mounting hole dimensions.
- \* Standard Junior Tri-Lock
- \*\* Panel thickness
- † O Ring not furnished with MS27337

\*JT07P-XX-XXX (MS27337P)  
\*JTN07P-XX-XXX

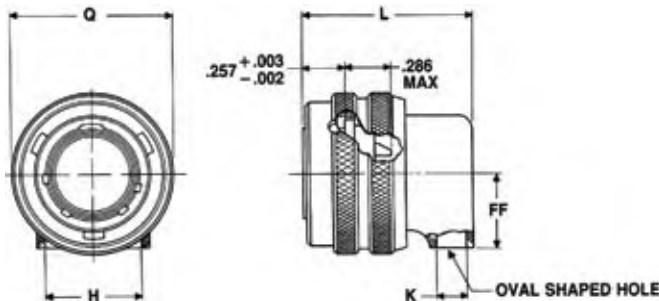
\*JT07A-XX-XXX  
\*JT07C-XX-XXX  
\*JTN07A-XX-XXX  
\*JTN07C-XX-XXX

\*JT07A-XX-XXX(SR)  
\*JTN07A-XX-XXX(SR)  
\*JTN07C-XX-XXX(SR)

| Shell Size | A*<br>+.000<br>-.010 | C<br>Max. | F<br>Min. | F <sup>1</sup><br>+.010<br>-.025 | H<br>+.017<br>-.016 | L<br>Max. | M<br>±.005 | N<br>+.001<br>-.005 | S<br>±.016 | T*<br>+.010<br>-.000 | KK<br>Max. | RR<br>Thread<br>Class 2A |
|------------|----------------------|-----------|-----------|----------------------------------|---------------------|-----------|------------|---------------------|------------|----------------------|------------|--------------------------|
| 8          | .830                 | 1.390     | .312      | .125                             | 1.062               | .666      | .438       | .473                | 1.250      | .884                 | .812       | .8750-20UNEF             |
| 10         | .955                 | 1.515     | .429      | .188                             | 1.188               | .666      | .438       | .590                | 1.375      | 1.007                | .875       | 1.0000-20UNEF            |
| 12         | 1.084                | 1.640     | .543      | .312                             | 1.312               | .666      | .438       | .750                | 1.500      | 1.134                | 1.000      | 1.1250-18UNEF            |
| 14         | 1.208                | 1.765     | .668      | .375                             | 1.438               | .729      | .438       | .875                | 1.625      | 1.259                | 1.125      | 1.2500-18UNEF            |
| 16         | 1.333                | 1.953     | .793      | .500                             | 1.562               | .729      | .438       | 1.000               | 1.781      | 1.384                | 1.188      | 1.3750-18UNEF            |
| 18         | 1.459                | 2.031     | .894      | .625                             | 1.688               | .729      | .438       | 1.125               | 1.890      | 1.507                | 1.438      | 1.5000-18UNEF            |
| 20         | 1.576                | 2.156     | 1.019     | .625                             | 1.812               | .765      | .464       | 1.250               | 2.016      | 1.634                | 1.438      | 1.6250-18UNEF            |
| 22         | 1.701                | 2.280     | 1.144     | .750                             | 2.000               | .765      | .464       | 1.375               | 2.140      | 1.759                | 1.625      | 1.7500-18UNS             |
| 24         | 1.826                | 2.405     | 1.269     | .800                             | 2.125               | .828      | .464       | 1.500               | 2.265      | 1.884                | 1.719      | 1.8750-16UN              |

## JT08 Series II – Solder 90° Plug

Military qualified to MIL-DTL-27599



\*JT08P-XX-XXX  
\*JTN08P-XX-XXX

\* To complete order number see page 46.

| Shell Size | H<br>Min. | K<br>Min. | L<br>Max. | Q<br>Max. | FF<br>Max. |
|------------|-----------|-----------|-----------|-----------|------------|
| 8          | .396      | .126      | .891      | .734      | .391       |
| 10         | .532      | .141      | .906      | .844      | .438       |
| 12         | .694      | .173      | .938      | 1.016     | .516       |
| 14         | .814      | .266      | 1.031     | 1.141     | .594       |
| 16         | .985      | .423      | 1.188     | 1.265     | .656       |
| 18         | 1.006     | .485      | 1.250     | 1.391     | .719       |
| 20         | 1.130     | .547      | 1.312     | 1.500     | .781       |
| 22         | 1.255     | .610      | 1.375     | 1.625     | .844       |
| 24         | 1.380     | .673      | 1.516     | 1.750     | .906       |

All dimensions for reference only.

# Amphenol MIL-DTL-38999, Series I, LJT



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## MIL-DTL-38999 Series I Typical Markets:

- Military & Commercial Aviation
- Military Vehicles
- Missiles & Ordnance
- C4ISR

**Amphenol**  
Aerospace

38999

SJT I

26482

Matrix 2

83723 III

Matrix Pyle

5015

Crimp Rear Release Matrix

26500 Pyle

Printed Circuit Board

EMI Filter Transient

Fiber Optics

High Speed Contacts

Options Others

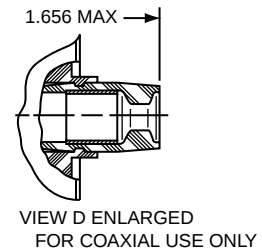
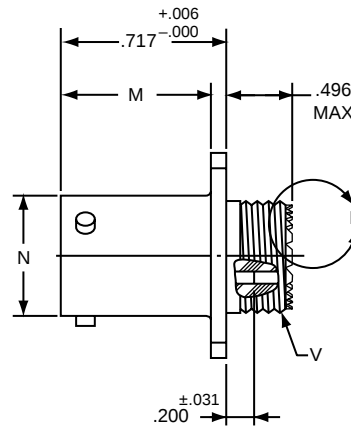
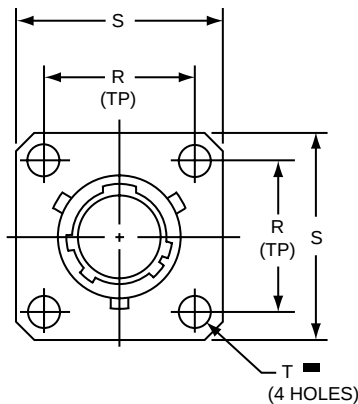
### PART # Commercial

Part number reference. To complete, see how to order pages 46-50.

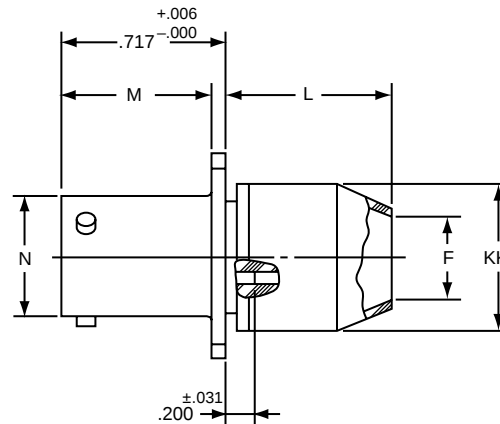
| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT            | 00          | RE            | 22-2                     | P            | A                  | (XXX)              |

### Military

| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS27466   | E             | 14         | A      | 18          | P                      | A                  |



LJT00RE-XX-XXX (MS27466E)  
LJT00RT-XX-XXX (MS27466T)



LJT00RP-XX-XXX (MS27466P)

⊕ .005 DIA ⊕

| Shell Size | F Dia. ±.010 | L Max. | M +.000 - .005 | N +.001 - .005 | R (TP) | S ±.016 | T Dia. ±.005 | V Thread Class 2A (Plated) | KK Dia. Max |
|------------|--------------|--------|----------------|----------------|--------|---------|--------------|----------------------------|-------------|
| 9          | .444         | .813   | .632           | .572           | .719   | .938    | .128         | .4375-28 UNEF              | .608        |
| 11         | .558         | .813   | .632           | .700           | .812   | 1.031   | .128         | .5625-24 UNEF              | .734        |
| 13         | .683         | .813   | .632           | .850           | .906   | 1.125   | .128         | .6875-24 UNEF              | .858        |
| 15         | .808         | .813   | .632           | .975           | .969   | 1.219   | .128         | .8125-20 UNEF              | .984        |
| 17         | .909         | .813   | .632           | 1.100          | 1.062  | 1.312   | .128         | .9375-20 UNEF              | 1.110       |
| 19         | 1.034        | .813   | .632           | 1.207          | 1.156  | 1.438   | .128         | 1.0625-18 UNEF             | 1.234       |
| 21         | 1.159        | .906   | .602           | 1.332          | 1.250  | 1.562   | .128         | 1.1875-18 UNEF             | 1.360       |
| 23         | 1.284        | .906   | .602           | 1.457          | 1.375  | 1.688   | .147         | 1.3125-18 UNEF             | 1.484       |
| 25         | 1.409        | .906   | .602           | 1.582          | 1.500  | 1.812   | .147         | 1.4375-18 UNEF             | 1.610       |

All dimensions for reference only.

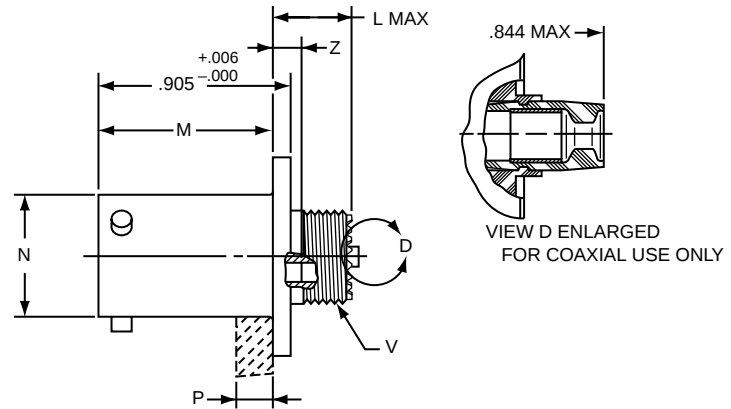
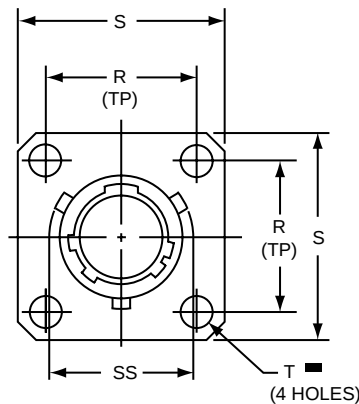
# LJTPQ00R (MS27656) Series I – Crimp Wall Mounting Receptacle (Back Panel Mounting)

**PART #** Part number reference. To complete, see how to order pages 46-50.  
**Commercial**

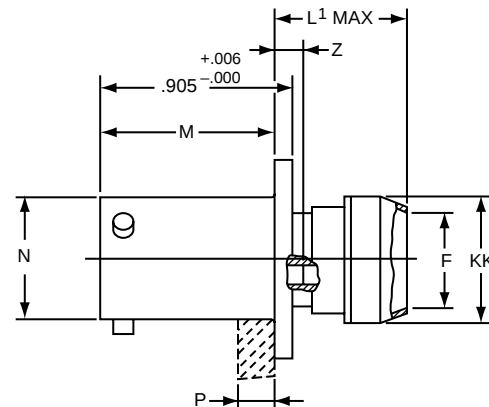
| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJTPQ          | 00          | RE            | 22-2                     | P            | A                  | (XXX)              |

**Military**

| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS27656   | E             | 14         | A      | 18          | P                      | A                  |



LJTPQ00RE-XX-XXX (MS27656E)  
LJTPQ00RT-XX-XXX (MS27656T)



LJTPQ00RP-XX-XXX (MS27656P)

⊕ .005 DIA M

| Shell Size | F Dia. ±.010 | L Max. | L <sup>1</sup> Max. | M +.000 - .005 | N Dia. | P Max. Panel Thickness | R (TP) | S +.011 - .010 | T Dia. ±.005 | V Thread Class 2A (Plated) | Z Max | KK Dia. Max | SS Dia. +.000 - .016 |
|------------|--------------|--------|---------------------|----------------|--------|------------------------|--------|----------------|--------------|----------------------------|-------|-------------|----------------------|
| 9          | .444         | .453   | .641                | .820           | .572   | .234                   | .719   | .938           | .128         | .4375-28 UNEF              | .138  | .625        | .662                 |
| 11         | .558         | .453   | .641                | .820           | .700   | .234                   | .812   | 1.031          | .128         | .5625-24 UNEF              | .138  | .750        | .810                 |
| 13         | .683         | .453   | .641                | .820           | .850   | .234                   | .906   | 1.125          | .128         | .6875-24 UNEF              | .138  | .875        | .960                 |
| 15         | .808         | .453   | .641                | .820           | .975   | .234                   | .969   | 1.219          | .128         | .8125-20 UNEF              | .138  | 1.000       | 1.085                |
| 17         | .909         | .453   | .641                | .820           | 1.100  | .234                   | 1.062  | 1.312          | .128         | .9375-20 UNEF              | .138  | 1.125       | 1.210                |
| 19         | 1.034        | .453   | .641                | .820           | 1.207  | .234                   | 1.156  | 1.438          | .128         | 1.0625-18 UNEF             | .138  | 1.250       | 1.317                |
| 21         | 1.159        | .484   | .672                | .790           | 1.332  | .204                   | 1.250  | 1.562          | .128         | 1.1875-18 UNEF             | .168  | 1.375       | 1.442                |
| 23         | 1.284        | .484   | .672                | .790           | 1.457  | .204                   | 1.375  | 1.688          | .147         | 1.3125-18 UNEF             | .168  | 1.500       | 1.567                |
| 25         | 1.409        | .484   | .672                | .790           | 1.582  | .193                   | 1.500  | 1.812          | .147         | 1.4375-18 UNEF             | .168  | 1.625       | 1.692                |

All dimensions for reference only.  
Note: MS27656 superseded MS 27515.

38999

SJT

26482  
Matrix 2

83723 III  
Matrix Pyle

5015  
Crimp Rear  
Release Matrix

26500 Pyle

Printed  
Circuit Board

EMI Filter  
Transient

Fiber Optics

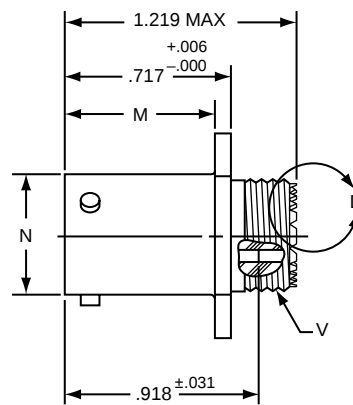
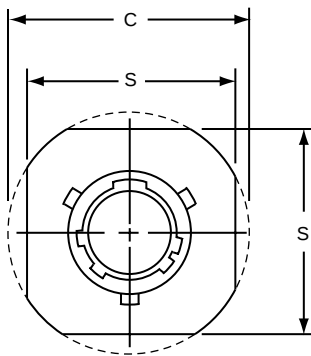
High Speed  
Contacts

Options  
Others

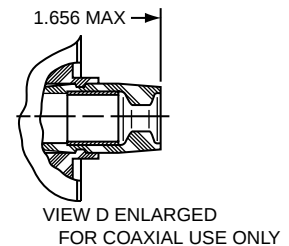
### PART # Commercial

Part number reference. To complete,  
see how to order pages 46-50.

| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT            | 01          | RE            | 22-2                     | P            | A                  | (XXX)              |



LJT01RE-XX-XXX  
LJT01RT-XX-XXX



| Shell Size | C Max. | M +.000<br>-.005 | N +.001<br>-.005 | S ±.016 | V Thread Class 2A<br>(Plated) |
|------------|--------|------------------|------------------|---------|-------------------------------|
| 9          | 1.094  | .632             | .572             | .938    | .4375-28 UNEF                 |
| 11         | 1.188  | .632             | .700             | 1.031   | .5625-24 UNEF                 |
| 13         | 1.281  | .632             | .850             | 1.125   | .6875-24 UNEF                 |
| 15         | 1.375  | .632             | .975             | 1.219   | .8125-20 UNEF                 |
| 17         | 1.469  | .632             | 1.100            | 1.312   | .9375-20 UNEF                 |
| 19         | 1.594  | .632             | 1.207            | 1.438   | 1.0625-18 UNEF                |
| 21         | 1.719  | .602             | 1.332            | 1.562   | 1.1875-18 UNEF                |
| 23         | 1.844  | .602             | 1.457            | 1.688   | 1.3125-18 UNEF                |
| 25         | 1.969  | .602             | 1.582            | 1.812   | 1.4375-18 UNEF                |

All dimensions for reference only.

## Box Mounting Receptacle (Back Panel Mounting)

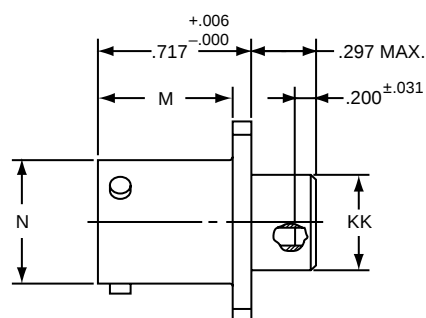
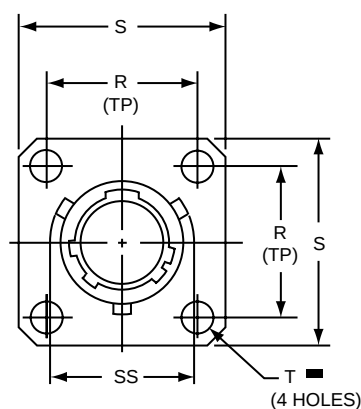
**PART #****Commercial**

Part number reference. To complete, see how to order pages 46-50.

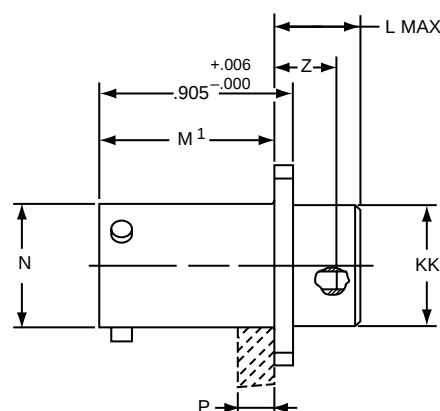
| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT/LJTP       | 02          | RE            | 22-2                     | P            | A                  | (XXX)              |

**Military**

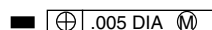
| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS27496   | E             | 14         | A      | 18          | P                      | A                  |
| MS27505   | E             | 14         | A      | 18          | P                      | A                  |



LJT02RE-XX-XXX (MS27496E)



LJTP02RE-XX-XXX (MS27505E)



| Shell Size | L Max. | M +.000<br>-.005 | M <sup>1</sup> +.001<br>-.005 | N Dia +.001<br>-.005 | P Max. Panel Thickness | R (TP) | S +.011<br>-.010 | T Dia. ±.005 | Z ±.031 | KK Dia. +.006<br>-.005 | SS Dia. +.000<br>-.016 |
|------------|--------|------------------|-------------------------------|----------------------|------------------------|--------|------------------|--------------|---------|------------------------|------------------------|
| 9          | .203   | .632             | .820                          | .572                 | .234                   | .719   | .938             | .128         | .107    | .433                   | .662                   |
| 11         | .203   | .632             | .820                          | .700                 | .234                   | .812   | 1.031            | .128         | .107    | .557                   | .810                   |
| 13         | .203   | .632             | .820                          | .850                 | .234                   | .906   | 1.125            | .128         | .107    | .676                   | .960                   |
| 15         | .203   | .632             | .820                          | .975                 | .234                   | .969   | 1.219            | .128         | .107    | .801                   | 1.085                  |
| 17         | .203   | .632             | .820                          | 1.100                | .234                   | 1.062  | 1.312            | .128         | .107    | .926                   | 1.210                  |
| 19         | .203   | .632             | .820                          | 1.207                | .234                   | 1.156  | 1.438            | .128         | .107    | 1.032                  | 1.317                  |
| 21         | .234   | .602             | .790                          | 1.332                | .204                   | 1.250  | 1.562            | .128         | .137    | 1.157                  | 1.442                  |
| 23         | .234   | .602             | .790                          | 1.457                | .204                   | 1.375  | 1.688            | .147         | .137    | 1.282                  | 1.567                  |
| 25         | .234   | .602             | .790                          | 1.582                | .193                   | 1.500  | 1.812            | .147         | .137    | 1.407                  | 1.692                  |

All dimensions for reference only.

38999

SJT I II III

26482

Matrix 2

83723 III

Matrix Pyle

5015

Crimp Rear  
Release Matrix

26500 Pyle

Printed  
Circuit Board

EMI Filter  
Transient

Fiber Optics

High Speed  
Contacts

Options  
Others

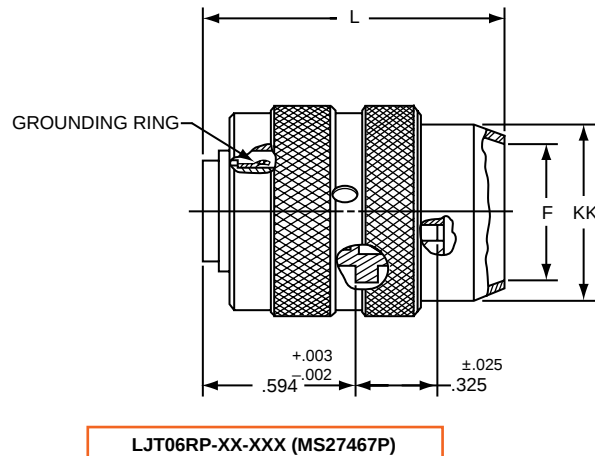
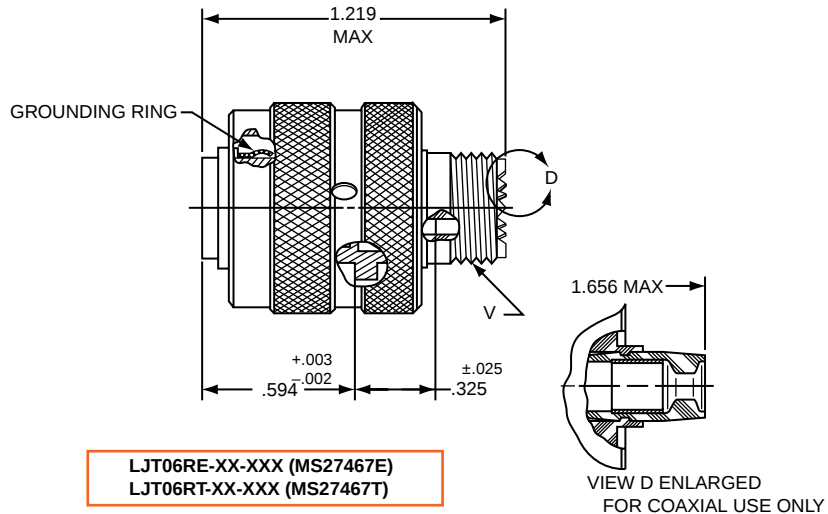
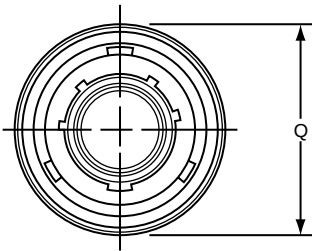
### PART # Commercial

Part number reference. To complete,  
see how to order pages 46-50.

| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT            | 06          | RE            | 22-2                     | P            | A                  | (XXX)              |

### Military

| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS27467   | E             | 14         | A      | 18          | P                      | A                  |



| Shell Size | F Dia. ±.010 | L Max. | Q Max. | V Thread Class 2A (Plated) | KK Dia. Max. |
|------------|--------------|--------|--------|----------------------------|--------------|
| 9          | .444         | 1.531  | .844   | .4375-28 UNEF              | .608         |
| 11         | .528         | 1.531  | .969   | .5625-24 UNEF              | .734         |
| 13         | .683         | 1.531  | 1.141  | .6875-24 UNEF              | .858         |
| 15         | .808         | 1.531  | 1.266  | .8125-20 UNEF              | .984         |
| 17         | .909         | 1.531  | 1.391  | .9375-20 UNEF              | 1.110        |
| 19         | 1.034        | 1.531  | 1.500  | 1.0625-18 UNEF             | 1.234        |
| 21         | 1.159        | 1.625  | 1.625  | 1.1875-18 UNEF             | 1.360        |
| 23         | 1.284        | 1.625  | 1.750  | 1.3125-18 UNEF             | 1.484        |
| 25         | 1.409        | 1.625  | 1.875  | 1.4375-18 UNEF             | 1.610        |

All dimensions for reference only.

# LJT07R (MS27468) Series I – Crimp Jam Nut Receptacle

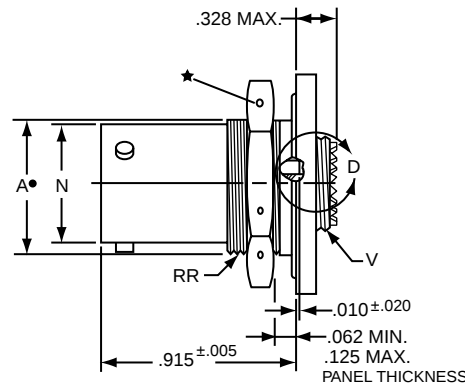
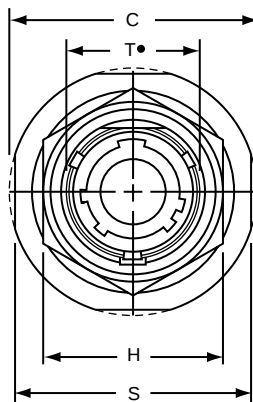
## PART # Commercial

Part number reference. To complete,  
see how to order pages 46-50.

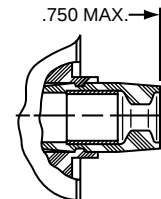
| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT            | 07          | RE            | 22-2                     | P            | A                  | (XXX)              |

## Military

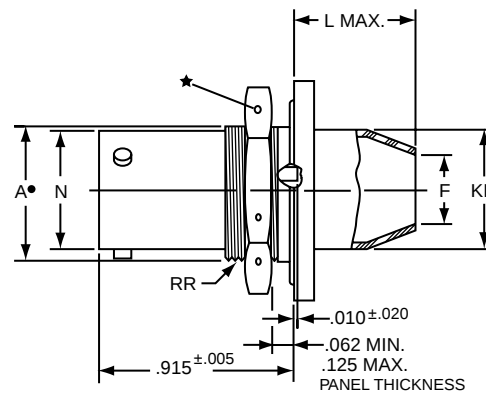
| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS27498   | E             | 14         | A      | 18          | P                      | A                  |



LJT07RE-XX-XXX (MS27468E)  
LJT07RT-XX-XXX (MS27468T)



VIEW D ENLARGED  
FOR COAXIAL USE ONLY



LJT07RP-XX-XXX (MS27468P)

- ★ .059 Dia. Min. 3 lockwire holes.
- Formed lockwire hole design (6 holes) is optional.
- "D" shaped mounting hole dimensions.

| Shell Size | A*<br>+.000<br>-.010 | C Max. | F Dia.<br>±.010 | H Hex<br>+.017<br>-.016 | L<br>Max. | N<br>+.001<br>-.005 | S ±.016 | T*<br>+.010<br>-.000 | V Thread Class 2A<br>(Plated) | KK Dia.<br>Max. | RR Thread<br>Class 2A (Plated) |
|------------|----------------------|--------|-----------------|-------------------------|-----------|---------------------|---------|----------------------|-------------------------------|-----------------|--------------------------------|
| 9          | .669                 | 1.199  | .444            | .875                    | .625      | .572                | 1.062   | .697                 | .4375-28 UNEF                 | .608            | .6875-24 UNEF                  |
| 11         | .769                 | 1.386  | .558            | 1.000                   | .625      | .700                | 1.250   | .822                 | .5625-24 UNEF                 | .734            | .8125-20 UNEF                  |
| 13         | .955                 | 1.511  | .683            | 1.188                   | .625      | .850                | 1.375   | 1.007                | .6875-24 UNEF                 | .858            | 1.0000-20 UNEF                 |
| 15         | 1.084                | 1.636  | .808            | 1.312                   | .625      | .975                | 1.500   | 1.134                | .8125-20 UNEF                 | .984            | 1.1250-18 UNEF                 |
| 17         | 1.208                | 1.761  | .909            | 1.438                   | .625      | 1.100               | 1.625   | 1.259                | .9375-20 UNEF                 | 1.110           | 1.2500-18 UNEF                 |
| 19         | 1.333                | 1.949  | 1.034           | 1.562                   | .656      | 1.207               | 1.812   | 1.384                | 1.0625-18 UNEF                | 1.234           | 1.3750-18 UNEF                 |
| 21         | 1.459                | 2.073  | 1.159           | 1.688                   | .750      | 1.332               | 1.938   | 1.507                | 1.1875-18 UNEF                | 1.360           | 1.5000-18 UNEF                 |
| 23         | 1.580                | 2.199  | 1.284           | 1.812                   | .750      | 1.457               | 2.062   | 1.634                | 1.3125-18 UNEF                | 1.484           | 1.6250-18 UNEF                 |
| 25         | 1.709                | 2.323  | 1.409           | 2.000                   | .750      | 1.582               | 2.188   | 1.759                | 1.4375-18 UNEF                | 1.610           | 1.7500-18 UNS                  |

All dimensions for reference only.

38999  
SJT

26482  
Matrix 2

83723 III  
Matrix Pyle

5015  
Crimp Rear  
Release Matrix

26500 Pyle

Printed  
Circuit Board

EMI Filter  
Transient

Fiber Optics

High Speed  
Contacts

Options  
Others

38999

SJT I

26482

Matrix 2

83723 III

Matrix Pyle

5015

Crimp Rear  
Release Matrix

26500 Pyle

Printed  
Circuit Board

EMI Filter  
Transient

Fiber Optics

High Speed  
Contacts

Options  
Others

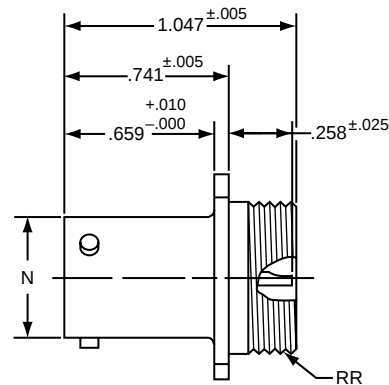
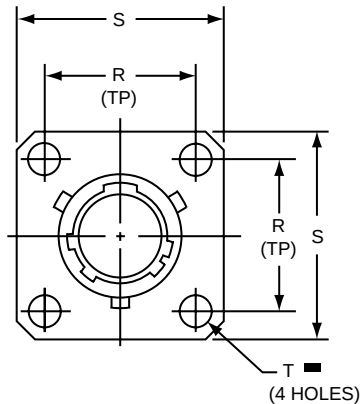
### PART # Commercial

Part number reference. To complete,  
see how to order pages 46-50.

| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT/LJTS       | 00          | Y             | 22-2                     | P            | A                  | (XXX)              |

### Military

| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS27469   | Y             | 14         | D      | 18          | P                      | A                  |



- \* LJT00H-XX-XXX
- \*\* LJT00Y-XX-XXX (MS27469YXXD)
- \*\*\* LJTS00Y-XX-XXX (MS27469YXXE)

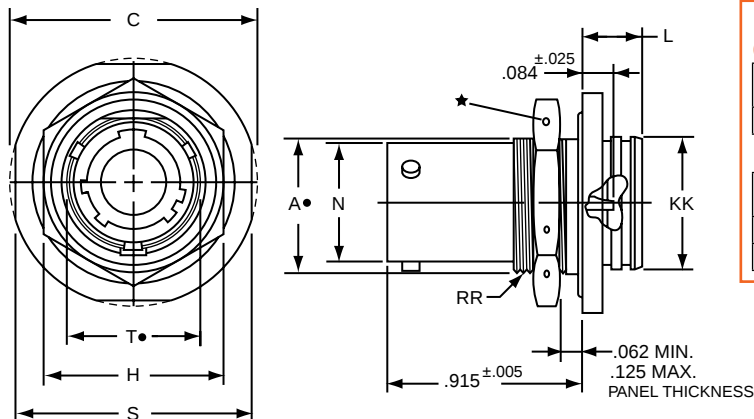
⊕ .005 DIA ⊖

- \* Long Junior Tri-Lock
- \*\* Interfacial seal wafer
- \*\*\* High temperature version, interfacial seal wafer with stainless steel shell

| Shell Size | N Dia. +.001<br>-.005 | R (TP) | S ±.016 | T Dia. ±.005 | RR Thread Class 2A |
|------------|-----------------------|--------|---------|--------------|--------------------|
| 9          | .572                  | .719   | .938    | .128         | .6875-24 UNEF      |
| 11         | .700                  | .812   | 1.031   | .128         | .8125-20 UNEF      |
| 13         | .850                  | .906   | 1.125   | .128         | .9375-20 UNEF      |
| 15         | .975                  | .969   | 1.219   | .128         | 1.0625-18 UNEF     |
| 17         | 1.100                 | 1.062  | 1.312   | .128         | 1.1875-18 UNEF     |
| 19         | 1.207                 | 1.156  | 1.438   | .128         | 1.3125-18 UNEF     |
| 21         | 1.332                 | 1.250  | 1.562   | .128         | 1.4375-18 UNEF     |
| 23         | 1.457                 | 1.375  | 1.688   | .147         | 1.5625-18 UNEF     |
| 25         | 1.582                 | 1.500  | 1.812   | .147         | 1.6875-18 UNEF     |

All dimensions for reference only.

# LJT07 (MS27470) Series I – Hermetic Jam Nut Receptacle



## PART # Commercial

Part number reference. To complete, see how to order pages 46-50.

| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT/LJTS       | H           | RE            | 22-2                     | P            | A                  | (XXX)              |

## Military

| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS27470   | Y             | 14         | A      | 18          | P                      | A                  |
| MS27471   | Y             | 14         | A      | 18          | P                      | A                  |

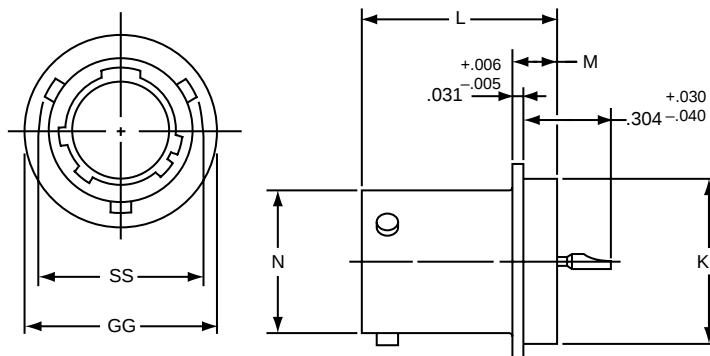
| Shell Size | A*<br>+.000<br>-.010 | C Max. | H Hex<br>+.017<br>-.016 | L Max. | N<br>+.000<br>-.005 | S<br>±.016 | T*<br>+.010<br>-.000 | KK<br>+.011<br>-.000 | RR Thread<br>Class 2A (Plated) |
|------------|----------------------|--------|-------------------------|--------|---------------------|------------|----------------------|----------------------|--------------------------------|
| 9          | .669                 | 1.199  | .875                    | .297   | .572                | 1.062      | .697                 | .642                 | .6875-24 UNEF                  |
| 11         | .769                 | 1.386  | 1.000                   | .297   | .700                | 1.250      | .822                 | .766                 | .8125-20 UNEF                  |
| 13         | .955                 | 1.511  | 1.188                   | .297   | .850                | 1.375      | 1.007                | .892                 | 1.0000-20 UNEF                 |
| 15         | 1.084                | 1.636  | 1.312                   | .297   | .975                | 1.500      | 1.134                | 1.018                | 1.1250-18 UNEF                 |
| 17         | 1.208                | 1.761  | 1.438                   | .297   | 1.100               | 1.625      | 1.259                | 1.142                | 1.2500-18 UNEF                 |
| 19         | 1.333                | 1.949  | 1.562                   | .328   | 1.207               | 1.812      | 1.384                | 1.268                | 1.3750-18 UNEF                 |
| 21         | 1.459                | 2.073  | 1.688                   | .328   | 1.332               | 1.938      | 1.507                | 1.392                | 1.5000-18 UNEF                 |
| 23         | 1.580                | 2.199  | 1.812                   | .328   | 1.457               | 2.062      | 1.634                | 1.518                | 1.6250-18 UNEF                 |
| 25         | 1.709                | 2.328  | 2.000                   | .328   | 1.582               | 2.188      | 1.759                | 1.642                | 1.7500-18 UNS                  |

All dimensions for reference only.

- \* LJT07H-XX-XXX
- \*\* LJT07Y-XX-XXX (MS27470YXXD)
- \*\*\* LJTS07Y-XX-XXX (MS27470YXXE)

- ★ .059 Dia. Min. 3 lockwire holes. Formed lockwire hole design (6 holes) is optional.
- "D" shaped mounting hole dimensions.
- \* \*Long Junior Tri-Lock
- \*\* Interfacial seal wafer
- \*\*\* High temperature version, interfacial seal wafer with stainless steel shell

# LJTI (MS27471) Series I – Hermetic Solder Mounting Receptacle



- \* Long Junior Tri-Lock
- \*\* Interfacial seal wafer
- \*\*\* High temperature version, interfacial seal wafer with stainless steel shell

| Shell Size | N Dia.<br>+.001<br>-.005 | SS Dia.<br>+.000<br>-.016 | L +.011<br>-.000 | M<br>+.006<br>-.005 | GG Dia.<br>+.011<br>-.010 | KK Dia.<br>+.001<br>-.005 |
|------------|--------------------------|---------------------------|------------------|---------------------|---------------------------|---------------------------|
| 9          | .572                     | .662                      | .789             | .125                | .750                      | .672                      |
| 11         | .700                     | .810                      | .789             | .125                | .844                      | .781                      |
| 13         | .850                     | .960                      | .789             | .125                | .969                      | .906                      |
| 15         | .975                     | 1.085                     | .789             | .125                | 1.094                     | 1.031                     |
| 17         | 1.100                    | 1.210                     | .789             | .125                | 1.218                     | 1.156                     |
| 19         | 1.207                    | 1.317                     | .789             | .125                | 1.312                     | 1.250                     |
| 21         | 1.332                    | 1.442                     | .789             | .125                | 1.438                     | 1.375                     |
| 23         | 1.457                    | 1.567                     | .821             | .156                | 1.563                     | 1.500                     |
| 25         | 1.582                    | 1.692                     | .821             | .156                | 1.688                     | 1.625                     |

- \* LJTIH-XX-XXX
- \*\* LJTIY-XX-XXX (MS27471YXXD)
- \*\*\* LJTSIY-XX-XXX (MS27471YXXE)

All dimensions for reference only.  
Weld mounting hermetic receptacle also available.  
Consult Amphenol, Sidney, NY for availability and dimensions.

38999  
SJT

26482  
Matrix 2

83723 III  
Matrix Pyle

5015  
Crimp Rear Release Matrix

26500 Pyle

Printed  
Circuit Board

EMI Filter  
Transient

Fiber Optics

High Speed  
Contacts

Options  
Others

### PART # Commercial

Part number reference. To complete, see how to order pages 46-50.

| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT            | 00          | P             | 22-2                     | P            | A                  | (XXX)              |

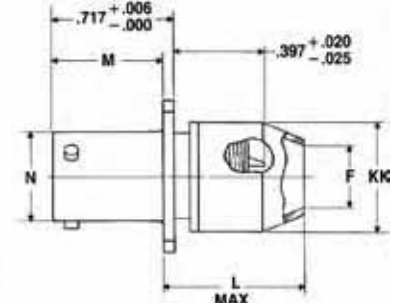
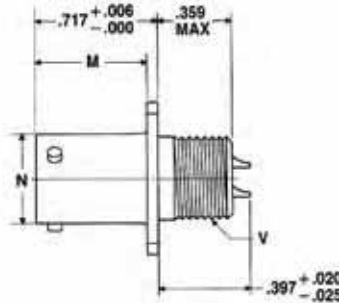
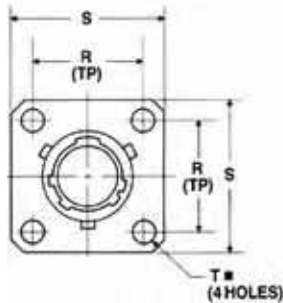
### Military

| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS20026   | T             | 14         | A      | 18          | P                      | A                  |
| MS20027   | T             | 14         | A      | 18          | P                      | A                  |

Military qualified to MIL-DTL-27599

LJT00T-XX-XXX (MS20026T)

LJT00P-XX-XXX



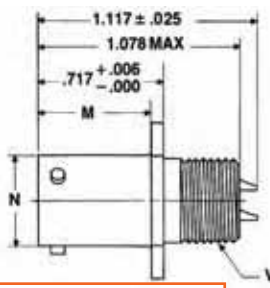
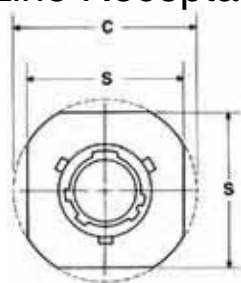
■  $\varnothing$  .005 DIA (M)

NOTE: For availability of back panel mounting types, check with nearest sales office or call Amphenol, Sidney, NY.

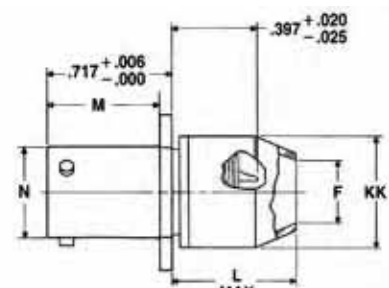
| Shell Size | F Dia. | L Max. | M +.000 / -.005 | N +.001 / -.005 | R (TP) | S ±.016 | T Dia. ±.005 | VThread Class 2A UNEF (Plated) | KK Dia. Max. |
|------------|--------|--------|-----------------|-----------------|--------|---------|--------------|--------------------------------|--------------|
| 9          | .327   | .625   | .632            | .572            | .719   | .938    | .128         | .4375-28                       | .608         |
| 11         | .444   | .625   | .632            | .700            | .812   | 1.031   | .128         | .5625-24                       | .734         |
| 13         | .558   | .625   | .632            | .850            | .906   | 1.125   | .128         | .6875-24                       | .858         |
| 15         | .683   | .625   | .632            | .975            | .969   | 1.219   | .128         | .8125-20                       | .984         |
| 17         | .808   | .625   | .632            | 1.100           | 1.062  | 1.312   | .128         | .9375-20                       | 1.110        |
| 19         | .909   | .625   | .632            | 1.207           | 1.156  | 1.438   | .128         | 1.0625-18                      | 1.234        |
| 21         | 1.034  | .703   | .602            | 1.332           | 1.250  | 1.562   | .128         | 1.1875-18                      | 1.360        |
| 23         | 1.159  | .703   | .602            | 1.457           | 1.375  | 1.688   | .147         | 1.3125-18                      | 1.484        |
| 25         | 1.284  | .703   | .602            | 1.582           | 1.500  | 1.812   | .147         | 1.4375-18                      | 1.610        |

## LJT01 (MS20027) Series I – Solder Line Receptacle

Military qualified to MIL-DTL-27599



LJT01T-XX-XXX (MS20027T)



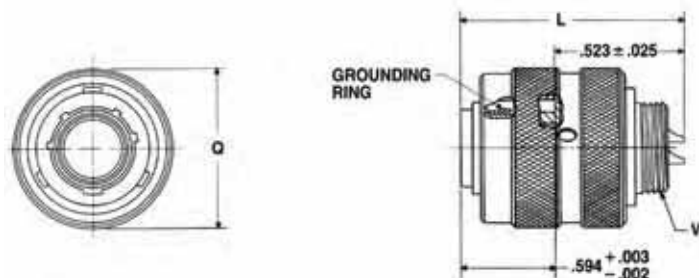
LJT01P-XX-XXX

| Shell Size | C Max. | F Dia. | L Max. | M +.000 / -.005 | N +.001 / -.005 | S ±.016 | VThread Class 2A UNEF (Plated) | KK Dia. Max. |
|------------|--------|--------|--------|-----------------|-----------------|---------|--------------------------------|--------------|
| 9          | 1.094  | .327   | .625   | .632            | .572            | .938    | .4375-28                       | .608         |
| 11         | 1.188  | .444   | .625   | .632            | .700            | 1.031   | .5625-24                       | .734         |
| 13         | 1.281  | .558   | .625   | .632            | .850            | 1.125   | .6875-24                       | .858         |
| 15         | 1.375  | .683   | .625   | .632            | .975            | 1.219   | .8125-20                       | .984         |
| 17         | 1.469  | .808   | .625   | .632            | 1.100           | 1.312   | .9375-20                       | 1.110        |
| 19         | 1.594  | .909   | .625   | .632            | 1.207           | 1.438   | 1.0625-18                      | 1.234        |
| 21         | 1.719  | 1.034  | .703   | .602            | 1.332           | 1.562   | 1.1875-18                      | 1.360        |
| 23         | 1.844  | 1.159  | .703   | .602            | 1.457           | 1.688   | 1.3125-18                      | 1.484        |
| 25         | 1.969  | 1.284  | .703   | .602            | 1.582           | 1.812   | 1.4375-18                      | 1.610        |

All dimensions for reference only.

# LJT06 (MS20028) Series I – Solder Straight Plug

**Military qualified to MIL-DTL-27599**



## PART # Commercial

Part number reference. To complete, see how to order pages 46-50.

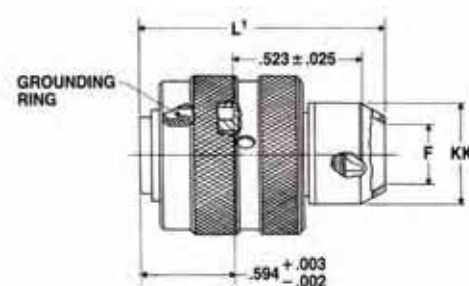
| Connector Type | Shell Style | Service Class | Shell Size & Insert Arrg | Contact Type | Alternate Position | Special Variations |
|----------------|-------------|---------------|--------------------------|--------------|--------------------|--------------------|
| LJT            | 06          | T             | 22-2                     | P            | A                  | (XXX)              |

## Military

| MS Number | Service Class | Shell Size | Finish | Insert Arrg | Contact Style (P or S) | Alternate Position |
|-----------|---------------|------------|--------|-------------|------------------------|--------------------|
| MS20028   | T             | 14         | A      | 18          | P                      | A                  |
| MS20029   | T             | 14         | A      | 18          | P                      | A                  |

**LJT06T-XX-XXX (MS20028T)**

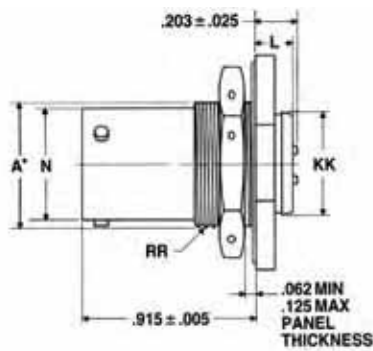
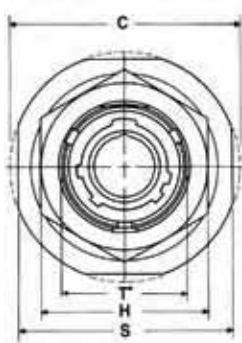
| Shell Size | F Dia. | L Max. | L <sup>1</sup> Max. | Q Max. | VThread Class 2A UNEF (Plated) | KK Dia. Max. |
|------------|--------|--------|---------------------|--------|--------------------------------|--------------|
| 9          | .327   | 1.128  | 1.488               | .844   | .4375-28                       | .608         |
| 11         | .444   | 1.128  | 1.488               | .969   | .5625-24                       | .734         |
| 13         | .558   | 1.128  | 1.488               | 1.141  | .6875-24                       | .858         |
| 15         | .683   | 1.128  | 1.488               | 1.266  | .8125-20                       | .984         |
| 17         | .808   | 1.128  | 1.488               | 1.391  | .9375-20                       | 1.110        |
| 19         | .909   | 1.128  | 1.488               | 1.500  | 1.0625-18                      | 1.234        |
| 21         | 1.034  | 1.128  | 1.566               | 1.625  | 1.1875-18                      | 1.360        |
| 23         | 1.159  | 1.128  | 1.566               | 1.750  | 1.3125-18                      | 1.484        |
| 25         | 1.284  | 1.191  | 1.644               | 1.875  | 1.4375-18                      | 1.610        |



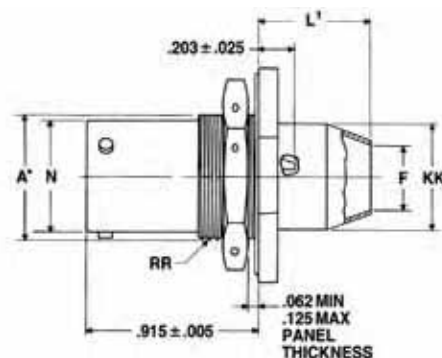
**LJT06P-XX-XXX**

# LJT07 (MS20029) Series I – Solder Jam Nut Receptacle

**Military qualified to MIL-DTL-27599**



**LJT07T-XX-XXX (MS20029T)**



**LJT07P-XX-XXX (MS20029P)**

- "D" shaped mounting hole dimensions

| Shell Size | A* +.000 - .010 | C Max. | F Dia. | H Hex +.017 - .016 | L Max. | L <sup>1</sup> Max. | N +.001 - .005 | S ±.016 | T* +.010 - .000 | KK +.011 - .000 | KK <sup>1</sup> Dia. Max. | RR Thread Class 2A (Plated) |
|------------|-----------------|--------|--------|--------------------|--------|---------------------|----------------|---------|-----------------|-----------------|---------------------------|-----------------------------|
| 9          | .669            | 1.199  | .327   | .875               | .234   | .625                | .572           | 1.062   | .697            | .516            | .608                      | .6875-24UNEF                |
| 11         | .769            | 1.386  | .444   | 1.000              | .234   | .625                | .700           | 1.250   | .822            | .642            | .734                      | .8125-20UNEF                |
| 13         | .955            | 1.511  | .558   | 1.188              | .234   | .625                | .850           | 1.375   | 1.007           | .766            | .858                      | 1.0000-20UNEF               |
| 15         | 1.084           | 1.636  | .683   | 1.312              | .234   | .625                | .975           | 1.500   | 1.134           | .892            | .984                      | 1.1250-18UNEF               |
| 17         | 1.208           | 1.761  | .808   | 1.438              | .234   | .625                | 1.100          | 1.625   | 1.259           | 1.018           | 1.110                     | 1.2500-18UNEF               |
| 19         | 1.333           | 1.949  | .909   | 1.562              | .266   | .625                | 1.207          | 1.812   | 1.384           | 1.142           | 1.234                     | 1.3750-18UNEF               |
| 21         | 1.459           | 2.073  | 1.034  | 1.688              | .266   | .656                | 1.332          | 1.938   | 1.507           | 1.268           | 1.360                     | 1.5000-18UNEF               |
| 23         | 1.580           | 2.199  | 1.159  | 1.812              | .266   | .750                | 1.457          | 2.062   | 1.634           | 1.392           | 1.484                     | 1.6250-18UNEF               |
| 25         | 1.709           | 2.323  | 1.284  | 2.000              | .266   | .750                | 1.582          | 2.188   | 1.759           | 1.518           | 1.610                     | 1.7500-18UNS                |

All dimensions for reference only.

38999  
SJT

26482  
Matrix 2

83723 III  
Matrix Pyle

5015  
Crimp Rear Release Matrix

26500 Pyle

Printed  
Circuit Board

EMI Filter  
Transient

Fiber Optics

High Speed  
Contacts

Options  
Others

## INSERT AVAILABILITY

| Shell Size /<br>Insert<br>Arrangement | Service<br>Rating | Total<br>Contacts | Contact Size |    |    |    |            |            |             |
|---------------------------------------|-------------------|-------------------|--------------|----|----|----|------------|------------|-------------|
|                                       |                   |                   | 22D          | 20 | 16 | 12 | 12<br>Coax | 8<br>Coax* | 8<br>Twinax |
| 11-2                                  | I                 | 2                 |              |    | 2  |    |            |            |             |
| 11-35                                 | M                 | 13                | 13           |    |    |    |            |            |             |
| 11-98                                 | I                 | 6                 |              | 6  |    |    |            |            |             |
| 13-4                                  | I                 | 4                 |              |    | 4  |    |            |            |             |
| 13-8                                  | I                 | 8                 |              | 8  |    |    |            |            |             |
| 13-35                                 | M                 | 22                | 22           |    |    |    |            |            |             |
| 13-98                                 | I                 | 10                |              | 10 |    |    |            |            |             |
| 15-5                                  | II                | 5                 |              |    | 5  |    |            |            |             |
| 15-15                                 | I                 | 15                |              | 14 | 1  |    |            |            |             |
| 15-18                                 | I                 | 18                |              | 18 |    |    |            |            |             |
| 15-19                                 | I                 | 19                |              | 19 |    |    |            |            |             |
| 15-35                                 | M                 | 37                | 37           |    |    |    |            |            |             |
| 15-97                                 | I                 | 12                |              | 8  | 4  |    |            |            |             |
| 17-6                                  | I                 | 6                 |              |    |    | 6  |            |            |             |
| 17-8                                  | II                | 8                 |              |    | 8  |    |            |            |             |
| 17-26                                 | I                 | 26                |              | 26 |    |    |            |            |             |
| 17-35                                 | M                 | 55                | 55           |    |    |    |            |            |             |
| 17-99                                 | I                 | 23                |              | 21 | 2  |    |            |            |             |
| 19-11                                 | II                | 11                |              |    | 11 |    |            |            |             |
| 19-32                                 | I                 | 32                |              | 32 |    |    |            |            |             |
| 19-35                                 | M                 | 66                | 66           |    |    |    |            |            |             |
| 21-11                                 | I                 | 11                |              |    |    | 11 |            |            |             |
| 21-16                                 | II                | 16                |              |    | 16 |    |            |            |             |
| 21-35                                 | M                 | 79                | 79           |    |    |    |            |            |             |
| 21-39                                 | I                 | 39                |              | 37 | 2  |    |            |            |             |
| 21-41                                 | I                 | 41                |              | 41 |    |    |            |            |             |
| 23-21                                 | II                | 21                |              |    | 21 |    |            |            |             |
| 23-35                                 | M                 | 100               | 100          |    |    |    |            |            |             |
| 23-53                                 | I                 | 53                |              | 53 |    |    |            |            |             |
| 23-54                                 | M                 | 53                | 40           |    | 9  | 4  |            |            |             |
| 23-55                                 | I                 | 55                |              | 55 |    |    |            |            |             |
| 25-4                                  | I                 | 56                |              | 48 | 8  |    |            |            |             |
| 25-19                                 | I                 | 19                |              |    |    | 19 |            |            |             |
| 25-20                                 | N                 | 30                |              | 10 | 13 |    | 4          |            | 3           |
| 25-24                                 | I                 | 24                |              |    | 12 | 12 |            |            |             |
| 25-29                                 | I                 | 29                |              |    | 29 |    |            |            |             |
| 25-35                                 | M                 | 128               | 128          |    |    |    |            |            |             |
| 25-43                                 | I                 | 43                |              | 23 | 20 |    |            |            |             |
| 25-46                                 | I                 | 46                |              | 40 | 4  |    |            | 2*         |             |
| 25-61                                 | I                 | 61                |              | 61 |    |    |            |            |             |

### LJT Lanyard Separation Forces

| Shell Size                 | Straight Plug<br>(lbs. max.) | 15 Degree<br>Pull (lbs.<br>Max.) |
|----------------------------|------------------------------|----------------------------------|
| 11<br>13<br>15             | 45                           | 55                               |
| 17<br>19<br>21<br>23<br>25 | 90                           | 100                              |

\* For RG 180/U and RG 195/U cables only. (Check Amphenol Aerospace, Sidney, NY for other cable applications). For availability of other insert arrangements and accessories consult Amphenol Aerospace.

**TABLE I  
INSERT ARRANGEMENT CODE**

| Basic Part Number | MIL-DTL-38999 Insert Arrangement |
|-------------------|----------------------------------|
| 88/91-538808      | 11-2                             |
| 06                | 11-35                            |
| 07                | 11-98                            |
| 10                | 13-4                             |
| 11                | 13-8                             |
| 13                | 13-98                            |
| 14                | 13-35                            |
| 18                | 15-5                             |
| 23                | 15-15                            |
| 22                | 15-18                            |
| 19                | 15-19                            |
| 20                | 15-35                            |
| 27                | 17-6                             |
| 28                | 17-8                             |
| 29                | 17-26                            |
| 30                | 17-35                            |
| 31                | 17-99                            |
| 37                | 19-11                            |
| 39                | 19-32                            |
| 40                | 19-35                            |
| 47                | 21-11                            |
| 48                | 21-16                            |
| 49                | 21-35                            |
| 50                | 21-41                            |
| 51                | 21-39                            |
| 57                | 23-21                            |
| 58                | 23-35                            |
| 59                | 23-53                            |
| 61                | 23-54                            |
| 60                | 23-55                            |
| 66                | 25-19                            |
| 74                | 25-20                            |
| 67                | 25-29                            |
| 68                | 25-35                            |
| 69                | 25-43                            |
| 70                | 25-61                            |
| 71                | 25-46                            |
| 72                | 25-2                             |
| 74                | 25-4                             |

**TABLE II  
LANYARD  
LENGTH  
CODES**

| Lanyard Length<br>(in.) $\pm$ .250 | MS     | Commercial<br>Code |
|------------------------------------|--------|--------------------|
| 4.000                              |        | 40                 |
| 4.250                              |        | 41                 |
| 4.500                              |        | 42                 |
| 4.750                              |        | 43                 |
| 5.000                              |        | 50                 |
| 5.250                              |        | 51                 |
| 5.500                              |        | 52                 |
| 5.750                              |        | 53                 |
| 6.000                              | No     | 60                 |
| 6.250                              | Code   | 61                 |
| 6.500                              |        | 62                 |
| 6.750                              | Std.   | 63                 |
| 7.000                              | Length | 70                 |
| 7.250                              | 6.250  | 71                 |
| 7.500                              |        | 72                 |
| 7.750                              |        | 73                 |
| 8.000                              |        | 80                 |
| 8.250                              |        | 81                 |
| 8.500                              |        | 82                 |
| 8.750                              |        | 83                 |
| 9.000                              |        | 90                 |
| 9.250                              |        | 91                 |
| 9.500                              |        | 92                 |
| 9.750                              |        | 93                 |

# Series I, LJT Breakaway Fail Safe Lanyard Release Plug How to Order, cont.

## HOW TO ORDER - BY MILITARY PART NUMBER FAIL SAFE MS27661

| 1.        | 2.            | 3.         | 4.     | 5.           | 6.            | 7.                 |
|-----------|---------------|------------|--------|--------------|---------------|--------------------|
| MS Number | Service Class | Shell Size | Finish | Insert Arrg. | Contact Style | Alternate Position |
| MS27661   | T             | 17         | B      | 35           | P             | A                  |

### 1. MS27661 Number

MS Number designates MIL-DTL-38999, Series I  
LJT Lanyard Release Plug

### 2. Select a Service Class

|          |                                                                               |
|----------|-------------------------------------------------------------------------------|
| <b>E</b> | For environmental crimp applications (inactive for new design)                |
| <b>T</b> | For environmental crimp applications with serrations on rear threads of shell |

### 3. Select a Shell Size

MIL-DTL-38999, sizes 11 through 25, see chart on page 78.

### 4. Select a Finish

|          |                                                                                                                                                                       |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>B</b> | Designates corrosion resistant olive drab cadmium plated aluminum, 500 hour extended salt spray, EMI shielding effectiveness -50dB @ 10 GHz specification min., 175°C |
| <b>F</b> | Designates electroless nickel plated aluminum, 48 hour salt spray, EMI shielding effectiveness -65dB @ 10 GHz500 specification min., 200°C                            |

These are standard finishes. Consult Amphenol Aerospace for variations.

### 5. Select an Insert Arrangement

MIL-DTL-38999, see insert identification chart on page 78.

### 6. Select a Contact Style

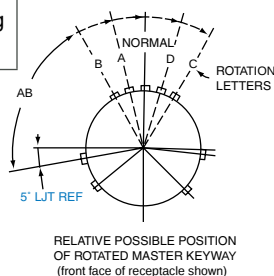
|          |                                                      |
|----------|------------------------------------------------------|
| <b>P</b> | Designates Lanyard Release plug with pin contacts    |
| <b>S</b> | Designates Lanyard Release plug with socket contacts |

### 7. Alternate Keying Position

For alternate Position of connector (to prevent cross-mating) see LJT key/keyway rotation below.  
(No letter is required for normal)

#### LJT Key/Keyway Rotation

| AB ANGLE OF ROTATION (Degrees) |        |     |     |      |      |
|--------------------------------|--------|-----|-----|------|------|
| Shell Size                     | Normal | A   | B   | C    | D    |
| 9                              | 95°    | 77° | -   | -    | 113° |
| 11                             | 95°    | 81° | 67° | 123° | 109° |
| 13                             | 95°    | 75° | 63° | 127° | 115° |
| 15                             | 95°    | 74° | 61° | 129° | 116° |
| 17                             | 95°    | 77° | 65° | 125° | 113° |
| 19                             | 95°    | 77° | 65° | 125° | 113° |
| 21                             | 95°    | 77° | 65° | 125° | 113° |
| 23                             | 95°    | 80° | 69° | 121° | 110° |
| 25                             | 95°    | 80° | 69° | 121° | 110° |



## HOW TO ORDER - BY COMMERCIAL PART NUMBER FAIL SAFE 88-5388 OR 91-5388

| 1.     | 2.                            | 3.                              | 4.                  | 5.                                        |
|--------|-------------------------------|---------------------------------|---------------------|-------------------------------------------|
| Finish | Connector Type Identification | Shell Size & Insert Arrangement | Lanyard Length Code | Contact Type Alternate Rotation of Insert |
| 88     | 5388                          | 29                              | 40                  | P                                         |

### 1. Select a Finish

|           |                                                                                                                                                 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>88</b> | Designates corrosion resistant olive drab cadmium plate over nickel, 500 hour extended salt spray, EMI -50dB @ 10 GHz specification min., 175°C |
| <b>91</b> | Designates electroless nickel plated aluminum, optimum EMI shielding effectiveness -65dB @ 10 GHz specification min., 48 hour salt spray, 200°C |

These are standard finishes. Consult Amphenol Aerospace, Sidney, NY for variations.

### 2. Connector Type Identification

|             |                                                             |
|-------------|-------------------------------------------------------------|
| <b>5388</b> | Designates MIL-DTL-38999, Series I LJT Lanyard Release Plug |
|-------------|-------------------------------------------------------------|

### 3. Select a Shell Size and Insert Arrangement

Shell sizes are MIL-DTL-38999, Series III from sizes 11 thru 25. The basic part number selected specifies the insert arrangement. See Table I (page 78) for coded part number that correlates to insert arrangement.

### 4. Select a Lanyard Length Code

See Table II (page 78) for lanyard length code number.

### 5. Select a Contact Type/Alternate Rotation of Insert

|          |                                                      |
|----------|------------------------------------------------------|
| <b>P</b> | Designates Lanyard Release plug with pin contacts    |
| <b>S</b> | Designates Lanyard Release plug with socket contacts |

When an alternate position of the connector is required to prevent cross-mating, a different letter (other than P or S) is used. See alternate positioning for LJT (to your left), then convert to Amphenol commercial coding by the following chart below.

| Pin Contacts |                 | Socket Contacts |                 |
|--------------|-----------------|-----------------|-----------------|
| MS Letter    | Amphenol Letter | MS Letter       | Amphenol Letter |
| P            | P (normal)      | S               | S (normal)      |
| PA           | E               | SA              | F               |
| PB           | R               | SB              | T               |
| PC           | W               | SC              | X               |
| PD           | Y               | SD              | Z               |

III  
II  
I  
38999  
SJT

26482  
Matrix 2

83723 III  
Matrix  
Pyle

5015  
Crimp Rear  
Release Matrix

26500 Pyle

Printed  
Circuit Board

EMI Filter  
Transient

Fiber Optics

High Speed  
Contacts

Options  
Others