

SUMMARY

Wires

| | |
|-------------|---|
| Low voltage | 6 |
|-------------|---|



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | 2B |
| Termination type | Female crimp |
| IP rating | 50 |
| AWG wire size | 20.00 - 18.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGA.2B.306.CYCD62Z |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EE*: Fixed receptacle, nut fixing (back panel mounting) |
| Keying | 2 keys (alpha=30, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 16.18 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 2B.306 : 6 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 12 Amps |

Specifications

| | |
|------------------------|------------------------------|
| Contact Type: | Crimp |
| Contact Retention: | 40 N |
| Contact Dia.: | 1.3 mm (0.051in) |
| Bucket Dia.: | 1.4 mm (0.055in) |
| Min. Conductor: | 0.5 mm ² (AWG 20) |
| Max. Conductor: | 1 mm ² (AWG 18) |
| R (max): | 3.6 mOhm |
| Vtest (contact-shell): | 2350 V (AC), 3320 V (DC) |

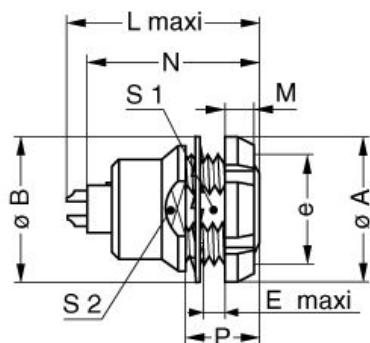
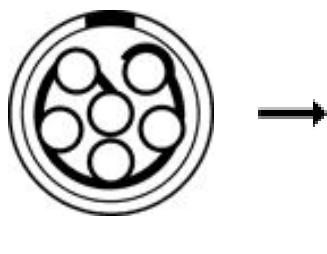
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Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | B | E | L | M | N | P | S1 | S2 | e |
|-----|------|------|------|------|------|------|------|------|------|---------|
| mm. | 20 | 20 | 4.3 | 26.7 | 3.5 | 24.6 | 9 | 13.5 | 15 | M15x1.0 |
| in. | 0,79 | 0,79 | 0,17 | 1,05 | 0,14 | 0,97 | 0,35 | 0,53 | 0,59 | |

RECOMMENDED BY LEMO

Tools

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| | |
|----------------------|--------------------------------|
| Crimp Tool: | DPC.91.701.V |
| Crimp settings: | AWG/Selector = 18-20/8-7 |
| Positionner: | DCE.91.132.BVM |
| Extractor: | DCF.91.131.2LT |
| Replacement contact: | EGG.2B.665.ZZM |

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.06.T18.070PGZE | | Grey |  |
| CMN.06.T18.070PNZE | | |  |
| CMN.06.T20.062PGZE | | Grey |  |
| CMN.06.T20.062PNZE | | |  |
| CMN.06.T20.062QGZE | TPR (medical) | Grey |  |
| CMN.06.T26.037QGZE | TPR (medical) | Grey |  |
| CMN.06.T28.031PGCE | PVC | GREY |  |
| CMN.06.T28.031PGZE | | Grey |  |
| CMN.06.T28.031PNCE | PVC | Black |  |
| CMN.06.T28.031PNZE | | |  |
| CMN.06.T28.042QBCE | TPR (medical) | | |
| CMN.06.T28.044PGZE | | Grey |  |
| CMN.06.T28.044PNZE | | |  |
| 106220 | PVC | Black |  |
| 106240 | PTFE | White |  |
| 12080 | PVC | Grey | |
| 160140 | PVC | Grey |  |
| 160240 | PVC | Black |  |
| 160260 | PVC | Black |  |
| 260250 | PVC | Grey |  |
| 360500 | PVC | Grey |  |
| 360750 | PVC | Grey |  |
| 60260 | PTFE | White |  |
| 6280 | PVC | Black |  |

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