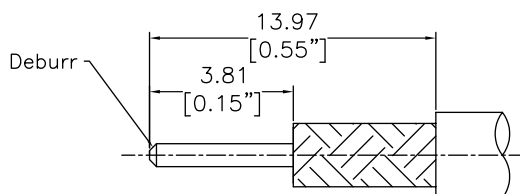
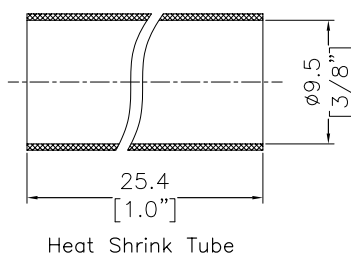
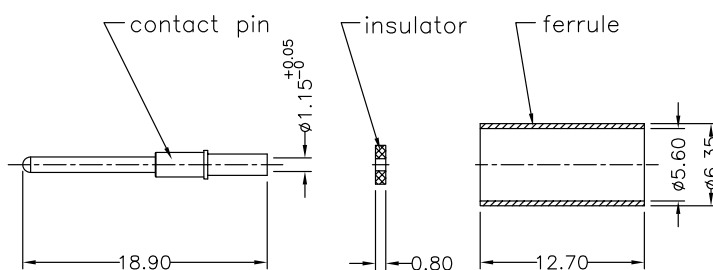
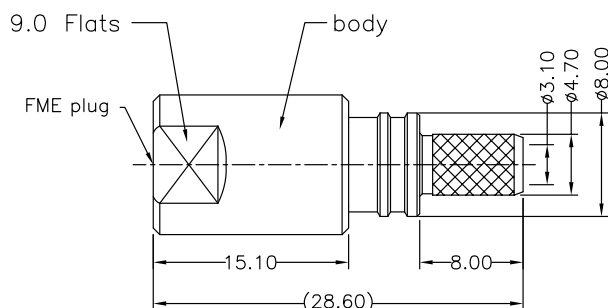


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| SYM | REVISION DESCRIPTION    | DFTM   | DATE       | APPD | APPD       |
|-----|-------------------------|--------|------------|------|------------|
| A   | RELEASED FOR PRODUCTION | Joslen | 2016.01.20 | TZ   | 2016.01.20 |



RECOMMENDED CABLE STRIPPING DIM'S  
Connector adds: 15.8 mm

### I. MATERIALS & FINISHES

| Components   | Materials | Finishes | Thk. (μ") |
|--------------|-----------|----------|-----------|
| Body         | Brass     | Albaloy  | 80        |
| Center Cont. | Brass     | Gold     | 50        |
| Ferrule      | Brass     | Albaloy  | 80        |
| Insulator    | PTFE      | --       | --        |

### II. ELECTRICAL PROPERTIES

|                             |                 |
|-----------------------------|-----------------|
| Impedance (Ω):              | 50              |
| Frequency Range (GHz):      | DC to 2 GHz     |
| Working Voltage (V):        | 500             |
| Insulation Resistance (MΩ): | ≥5000           |
| VSWR:                       | ≤1.25 (0-1 GHz) |
|                             | ≤1.50 (0-2 GHz) |
| Insertion Loss(dB, f/GHz):  | -0.1x √f        |

### III. ENVIRONMENT PROPERTIES

|                    |                                |
|--------------------|--------------------------------|
| Temperature Range: | -55°C~+125°C                   |
| Thermal Shock:     | MIL-STD 202G, Meth.107, Cond.B |
| Vibration:         | MIL-STD 202G, Meth.204, Cond.B |
| Shock:             | MIL-STD 202G, Meth.213, Cond I |
| Climatic Class:    | IEC 60068 55/155/56            |
| (2002/95/EC)RoHS:  | Compliant                      |

### IV. MECHANICAL PROPERTIES

|                                    |           |
|------------------------------------|-----------|
| Center Cont.:                      | Solder    |
| Outer Cont.:                       | Crimp     |
| Coupling Nut Torque (N.m):         | 1.2       |
| Cbl-Connector Retention Force (N): | 100       |
| Climatic Class:                    | IEC 60068 |
|                                    | 55/155/56 |
| Durability (cycles):               | 500       |

### V. TOOLING

Stripping Tool: 3192-102/CST-195/200  
Crimping Tool: 3192-200/3190-610

According to Standard: N/A

|            |         |                                                                                                                                                                                                                                        |  |            |       |            |            |                                                                                                      |             |        |           |             |   |
|------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|-------|------------|------------|------------------------------------------------------------------------------------------------------|-------------|--------|-----------|-------------|---|
| MATL:      |         | UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                             |  |            | DFTM. | Joslen     |            | <div></div>     |             |        |           |             |   |
|            |         |                                                                                                                                                                                                                                        |  |            | DATE  | 2016.01.20 |            |                                                                                                      |             |        |           |             |   |
|            |         | ALL DIMENSIONS ARE IN mm<br>MACHINED SURFACES FINISH 1.6 RMS MAX.<br>REMOVE ALL BURRS 0.15X45° MAX. BREAK<br>MACHINE CORNERS 0.15X45° D MAX. FILLET<br>R. TOLERANCES ON DECIMALS<br>.X ±0.3    .XX ±0.15<br>ANGLES ±2° FRACTIONS ± N/A |  |            | CHKD  | KG         |            | TC-200-FMEM-X<br>FME Male (Plug) Straight Solder Pin<br>No Braid Trim Connector for LMR-200<br>Cable |             |        |           |             |   |
|            |         |                                                                                                                                                                                                                                        |  |            | DATE  | 2016.01.20 |            |                                                                                                      |             |        |           |             |   |
| USED ON: O |         |                                                                                                                                                                                                                                        |  |            | APPD  | TZ         |            |                                                                                                      |             |        |           |             |   |
| SCALE:     | DWG     | DO NOT SCALE DRAWING                                                                                                                                                                                                                   |  | CODE IDENT | 68999 | DATE       | 2016.01.20 |                                                                                                      | S<br>H<br>T | 1 OF 1 | 3190-6250 | R<br>E<br>V | A |
| N/A        | SIZE A4 |                                                                                                                                                                                                                                        |  |            |       |            |            |                                                                                                      |             |        |           |             |   |