

# 1-1478959-0 Product Details



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TE Internal Number: 1-1478959-0

 **Active**

## SMA/QMA RF Connectors

 [Converted to EU RoHS/ELV Compliant](#)  
([Statement of Compliance](#))

### Product Highlights:

- Connector - RF
- RF Connector Type = SMA
- Jack
- Terminate To Coaxial Cable
- Without Snap-Lock

[View all Features](#)

## Documentation & Additional Information

### Product Drawings:

- [SMA STRAIGHT BULKHEAD, JACK SOLDER PIN, CRIMP ATTAC...](#) (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

### CAD Files:

- None Available

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)

[List all Documents](#)

## Product Features (Please use the Product Drawing for all design activity)

### Product Type Features:

- [Product Type](#) = Connector - RF
- RF Connector Type = SMA
- [Gender](#) = Jack
- [Crimp Type](#) = Hex
- [Body Style](#) = Bulkhead
- [Number of Panel Mount Holes](#) = 1
- [Body Material](#) = Stainless Steel
- [Body Finish](#) = Gold
- [Center Contact](#) = With
- Grade = Professional
- Panel Thickness (mm [in]) = 3.20 [0.126]
- Dielectric Material = PTFE
- Sealed = No
- Isolated = No
- Flats Dimension = 8.0 A/F

### Mechanical Attachment:

- [Panel Attachment](#) = With
- [Panel Attachment Method](#) = Bulkhead
- [Panel Attachment Style](#) = Rear Mount
- Lockwasher Material = Mild Steel
- Lockwasher Plating = Gold
- Nut Material = Stainless Steel
- Panel Cutout = 6.4 x 6.0 D Shape
- Flange Dimensions = 8.0 A/F Hex
- Flange and Thread Material = Stainless Steel

### Electrical Characteristics:

- Impedance ( $\Omega$ ) = 50
- Frequency = DC - 18 GHz

### Termination Related Features:

- [Coaxial Cable Termination Type](#) = MIL-Crimp

### Body Related Features:

- Snap-Lock = Without
- [Length \(mm \[in\]\)](#) = 18.70 [0.736]
- Ferrule Material = Brass
- Ferrule Plating = Gold
- Polarized = No
- Hexcrimp Dimension = 0.65 Sq + 2.8 + 3.4

### Contact Related Features:

- Center Contact Material = Beryllium Copper
- Center Contact Plating = Gold

### Configuration Related Features:

- [Coaxial Cable Type \(RG/U or Mfg.\)](#) = 174A, 188A, 316, KX 22A, KX 3B, URM 95

### Industry Standards:

- Government/Industry Qualification = No
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Converted to comply with RoHS directive

### Conditions for Usage:

- [Terminate To](#) = Coaxial Cable
- Operating Temperature (Max.) ( $^{\circ}\text{C}$ ) = 165

### Packaging Related Features:

- Packaging Quantity = 100

### Other:

- Brand = Greenpar