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SMP Female Right Angle Push-On Connector Crimp/ Solder Attachment for RG316, RG174, LMR-100

RF Connectors Technical Data Sheet

PE45128

Confguration

- SMP Female Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG316, RG174, LMR-100 Interface Type
- Crimp/Solder Attachment

Electrical Specifcations

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.3:1	
Operating Voltage (AC)			350	Vrms

Mechanical Specifcations

Size

Length	0.295 in [7.49 mm]
Width/Dia.	0.157 in [3.99 mm]
Height	0.311 in [7.9 mm]
Weight	0.006 lbs [2.72 g]

Material Specifcations

Description	Material	Plating
Contact	Beryllium Copper	Gold 30µ in. minimum
Insulation	Tefon	
Outer Conductor	Beryllium Copper	Gold 3µ in. minimum
Body	Beryllium Copper	Gold 3µ in. minimum

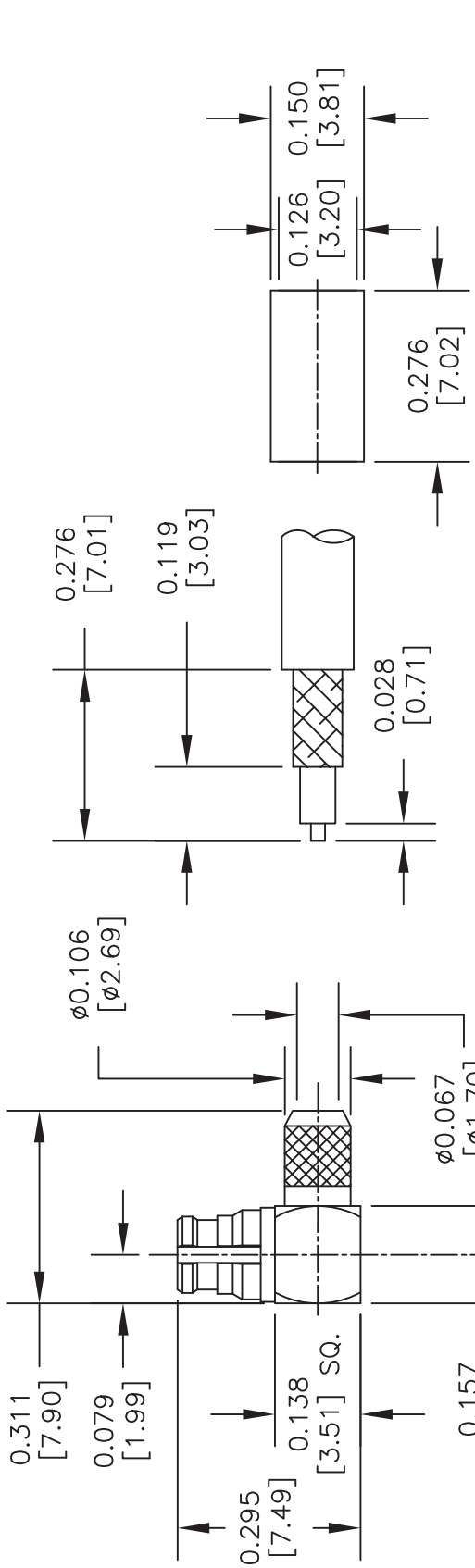
Environmental Specifcations

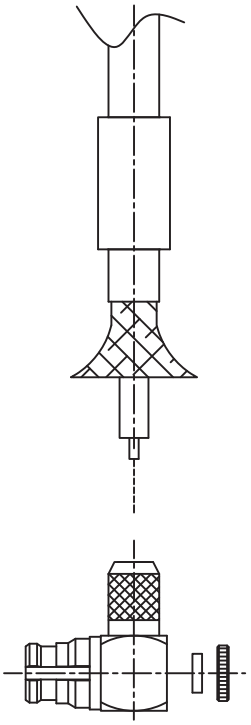
Temperature

Operating Range	-65 to 165 deg C

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and CAD files: SMP Female Right Angle Push-On Connector Crimp/Solder Attachment for RG316, RG174, LMR-100 PE45128

SMP Female Right Angle Push-On Connector Crimp/
Solder Attachment for RG316, RG174, LMR-100





ASSEMBLY PROCEDURES

1. STRIP THE CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE FERRULE ONTO THE CABLE.
3. FLARE THE BRAID, INSERT THE CONTACT AND SOLDER TO INTERNAL CONTACT.
4. SLIDE FERRULE OVER BRAID AND CRIMP WITH .130" [3.3] HEX. CRIMP TOOL.
5. INSERT THE INSULATION AND THE CAP.

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
PE45128

CAD FILE	SCALE	SIZE
021015	N/A	A

FSCM NO. 53919

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