

1.85mm Female Precision Connector Clamp/Solder Attachment For .047 SR Cable

Configuration

Connector 1.85mm Female

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	DC		65	GHz
Impedance		50		Ohms
VSWR			1.35:1	

* Values at 25°C, sea level

Mechanical Specifications

Size

Length 0.61 in [15.49 mm]
 Width/Dia. 0.3 in [7.62 mm]

Connector

Type 1.85mm Female
 Contact Material and Plating Beryllium Copper, Gold
 Contact Plating Specification 50µ Inches.
 Coupling Nut Material and Plating Passivated Stainless Steel
 Coupling Nut Plating Specification SAE-AMS-2700
 Body Material and Plating Passivated Stainless Steel
 Body Plating Specification SAE-AMS-2700

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant Yes

Plotted and Other Data

Notes:
 • Values at +25 °C, sea level

1.85mm Female Precision Connector Clamp/Solder Attachment For .047 SR Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [1.85mm Female Precision Connector Clamp/Solder Attachment For .047 SR Cable SC5881](#)

URL: <http://www.fairviewmicrowave.com/1.85mm-female-standard-.047-sr-connector-sc5881-p.aspx>

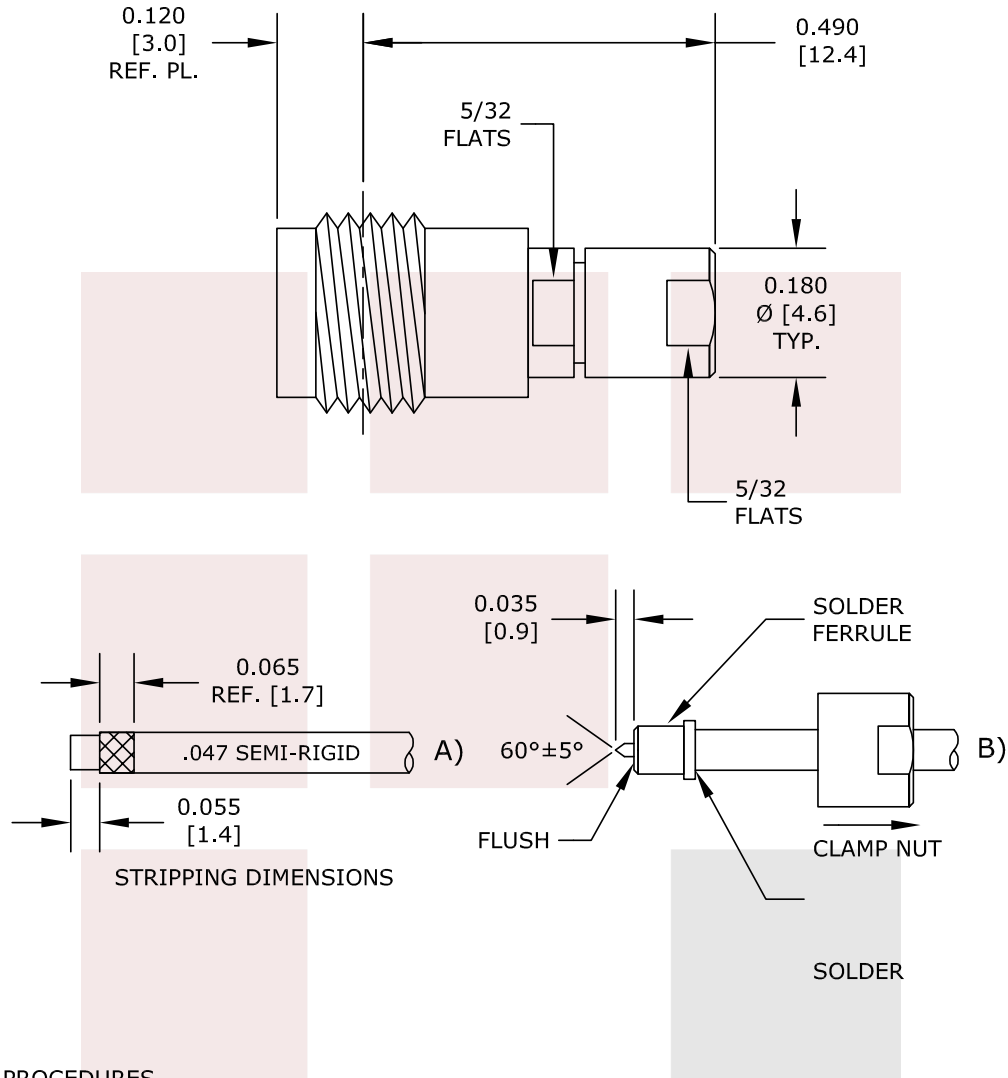
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



Features:

- Interface: .047 SR
- Attachment: Clamp/Solder
- Design: Precision
- Body Style: Straight

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ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK DIELECTRIC.
2. PRE-TIN CABLE JACKET TO APPROXIMATE DIMENSION AS SHOWN IN (A).
3. INSERT CABLE THRU ADAPTER UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO ADAPTER & TRIM DIELECTRIC AS SHOWN IN (B).
4. SCREW ASSEMBLY INTO BODY & TIGHTEN NUT.

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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].			
TITLE 1.85mm Female Precision Connector Clamp/Solder Attachment For .047 SR Cable		DWG NO SC5881		CAGE CODE 3FKR5	
CAD FILE	080814	SHEET	SCALE	N/A	SIZE A 150