

SMP Male (Plug) Limited Detent Connector Solder Attachment 2 Hole Flange for RG405, FM-SR086ALTN, FM-F086, FM-SR086CU, FM-SR086TBJ Cable



FMCO1063

Configuration

- Limited Detent SMP Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG405, FM-SR086ALTN, FM-SR086TB, FM-F086, FM-SR086CU, FM-SR086TBJ
- 2 Hole Flange

Features

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.3:1
- Blind Mate Connector
- Gold Plated Bronze Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

SMP Male 2 hole Flange Mount Standard Limited Detent 2 hole Flange Mount Connector Solder/Solder Attachment for RG405, FM-SR086ALTN, FM-SR086TB, FM-F086, FM-SR086CU and FM-SR086TBJ Cable, part number FMCO1063, from Fairview Microwave is in-stock and ships same day. This SMP male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.3:1. This blind mate connector is ideal for applications without direct visual or tactile access to the connection point, for example, when two circuit boards need to be mated. Fairview's FMCO1063 2 hole flange SMP connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's SMP male 2 hole flange connector FMCO1063 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.3:1	
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.386 in [9.8 mm]
Width	0.189 in [4.80 mm]
Height	0.492 in [12.5 mm]
Weight	0.008 lbs [3.63 g]
Mating Cycles	500 Cycles

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Material Specifications

Description	Material	Plating
Contact	Bronze	Gold
Insulation	PTFE	
Outer Conductor	Brass	Gold
Body	Brass	Gold

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

SMP Male (Plug) Limited Detent Connector Solder Attachment 2 Hole Flange for RG405, FM-SR086ALTN, FM-F086, FM-SR086CU, FM-SR086TBJ 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

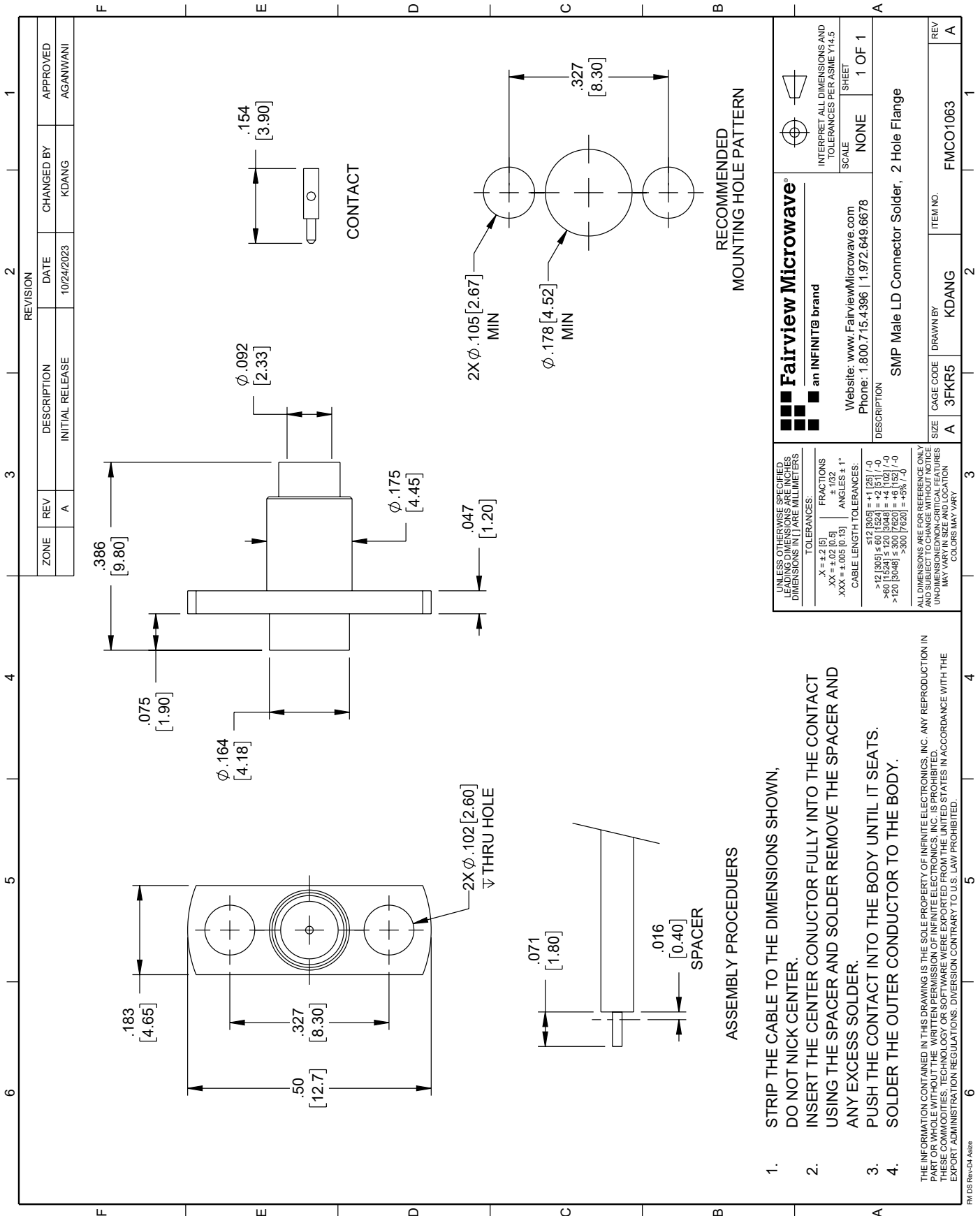
For additional information on this product, please click the following link: [SMP Male \(Plug\) Limited Detent Connector Solder Attachment 2 Hole Flange for RG405, FM-SR086ALTN, FM-F086, FM-SR086CU, FM-SR086TBJ Cable FMCO1063](#)

URL: <https://www.fairviewmicrowave.com/smp-male-limited-detent-rg405-fm-sr086altn-fm-sr086tb-fm-f086-fm-sr086cu-fm-sr086tbj-connector-fmco1063-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

FMCO1063 CAD Drawing

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ZONE		REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
		A	INITIAL RELEASE	10/24/2023	KDANG	AGANWANI

REVISION		SCALE	SHEET
1		NONE	1 OF 1

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	KDANG	FMCO1063	A