

RA SMA Female Connector Solder Cup Terminal Solder Attachment 4 Hole Flange , .340 inch Hole Spacing

RA SMA female 4 hole flange mount connector with solder cup terminal (.340 inch hole spacing), part number FMCN1356, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.2:1. Its right angle body geometry facilitates connections in tight spaces. Fairview's FMCN1356 4 hole flange SMA 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 RA SMA female 4 hole flange connector FMCN1356 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	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.2:1	
Insertion Loss			0.22	dB

Electrical Specification Notes:
Insertion loss: $0.05 \times \sqrt{f(\text{GHz})}$ dB.

Mechanical Specifications

Size	
Length	0.71 in [18.03 mm]
Width/Dia.	0.5 in [12.70 mm]
Height	0.685 in [17.4 mm]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel MIL-G-45204
Insulation	PTFE	
Body	Passivated Stainless Steel	ASTM-A380

Environmental Specifications

Temperature	
Operating Range	-55 to +100 deg C
Vibration	MIL-STD-202, Method 204, Condition D (20 G's)



Configuration:

- SMA Female Connector
- 50 Ohms
- Right Angle Body Geometry
- Solder Cup Interface Type
- Solder Attachment
- 4 Hole Flange

Features:

- Operating Frequency of 18 GHz Max.
- Excellent VSWR of 1.2:1
- Gold over Nickel Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test
- Rack and Panel Mount Applications

Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Salt Spray

MIL-STD-202, Method 101, Condition B, 5% salt solution

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

Plotted and Other Data

Notes:

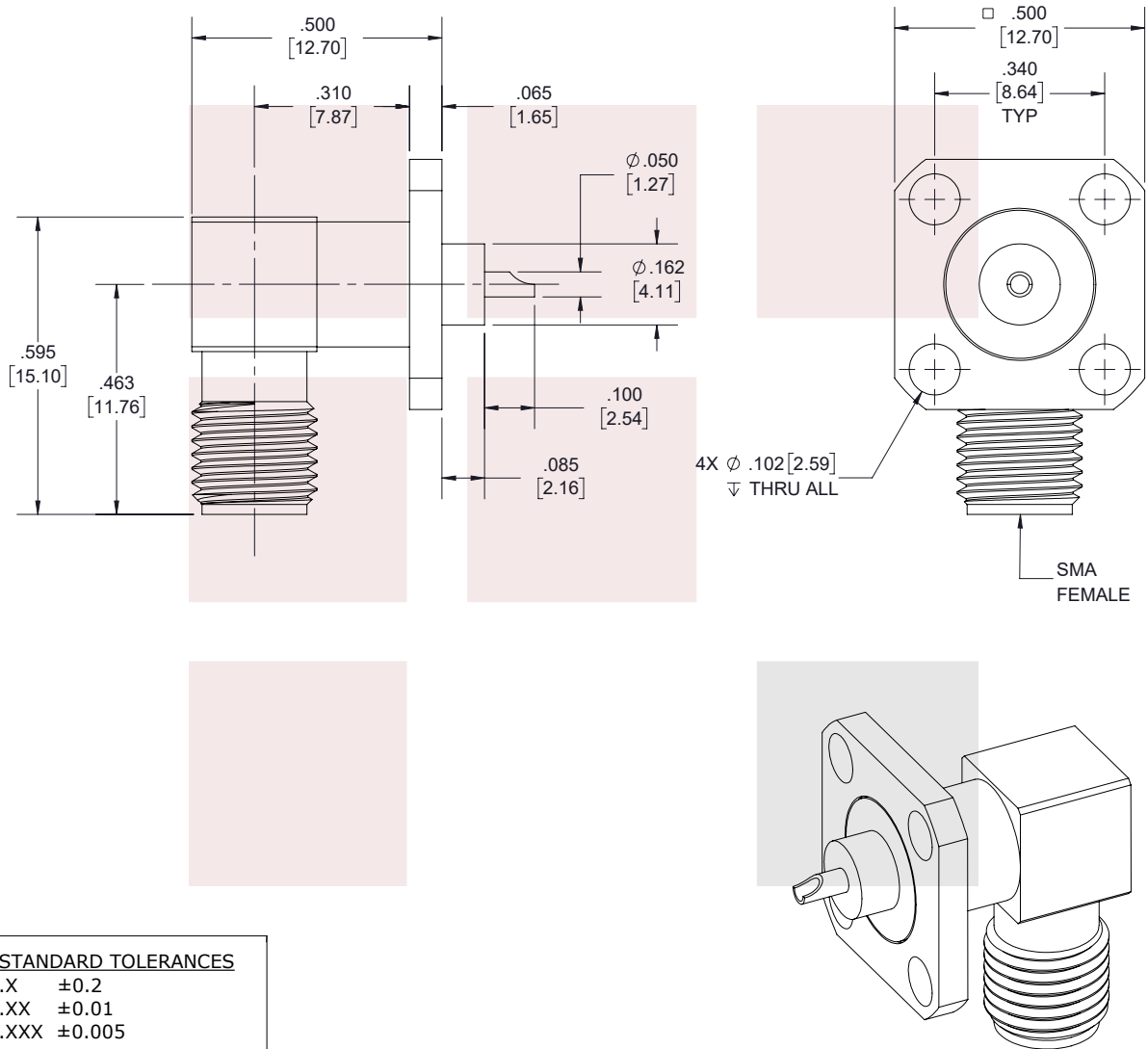
Assembly Instruction

RA SMA Female Connector Solder Cup Terminal Solder Attachment 4 Hole Flange , .340 inch Hole Spacing 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: [RA SMA Female Connector Solder Cup Terminal Solder Attachment 4 Hole Flange , .340 inch Hole Spacing FMCN1356](#)

URL: <https://www.fairviewmicrowave.com/sma-female-solder-cup-terminal-connector-fmcn1356-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.



STANDARD TOLERANCES

.X ±0.2
.XX ±0.01
.XXX ±0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

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

RA SMA Female Connector Solder Cup Terminal Solder
Attachment 4 Hole Flange , .340 inch Hole Spacing

DWG NO

FMCN1356

CAGE CODE

3FKR5

CAD FILE

101717

SHEET

1 OF 1

SCALE

N/A

SIZE

A

7361