

**RA 75 Ohm F Female Bulkhead PCB Connector  
Surface Mount Solder Attachment IP 67 Rated**

**Configuration**

Connector F Female

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	DC		2.15	GHz
Impedance		75		Ohms
VSWR			1.95:1	
Insertion Loss			0.46	dB

\* Values at 25°C, sea level

**Frequency 1**

Frequency DC to 1,000 MHz  
VSWR 1.43:1  
Insertion Loss 0.2 dB

**Mechanical Specifications**

**Temperature**

Operating Range -65 to +165 deg C

**Size**

Length 1.3 in [33.02 mm]  
Width/Dia. 0.55 in [13.97 mm]  
Height 0.61 in [15.49 mm]

**Connector**

Type F Female  
Mating Cycles 500  
Contact Material and Plating Phosphor Bronze, Tin  
Body Material and Plating Zinc, Tin  
Dielectric Type PTFE

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant Yes



**Features:**

- Interface: Surface Mount
- Attachment: Solder
- Body Style: Right Angle
- Mount Method: Bulkhead

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**Plotted and Other Data**

Notes:

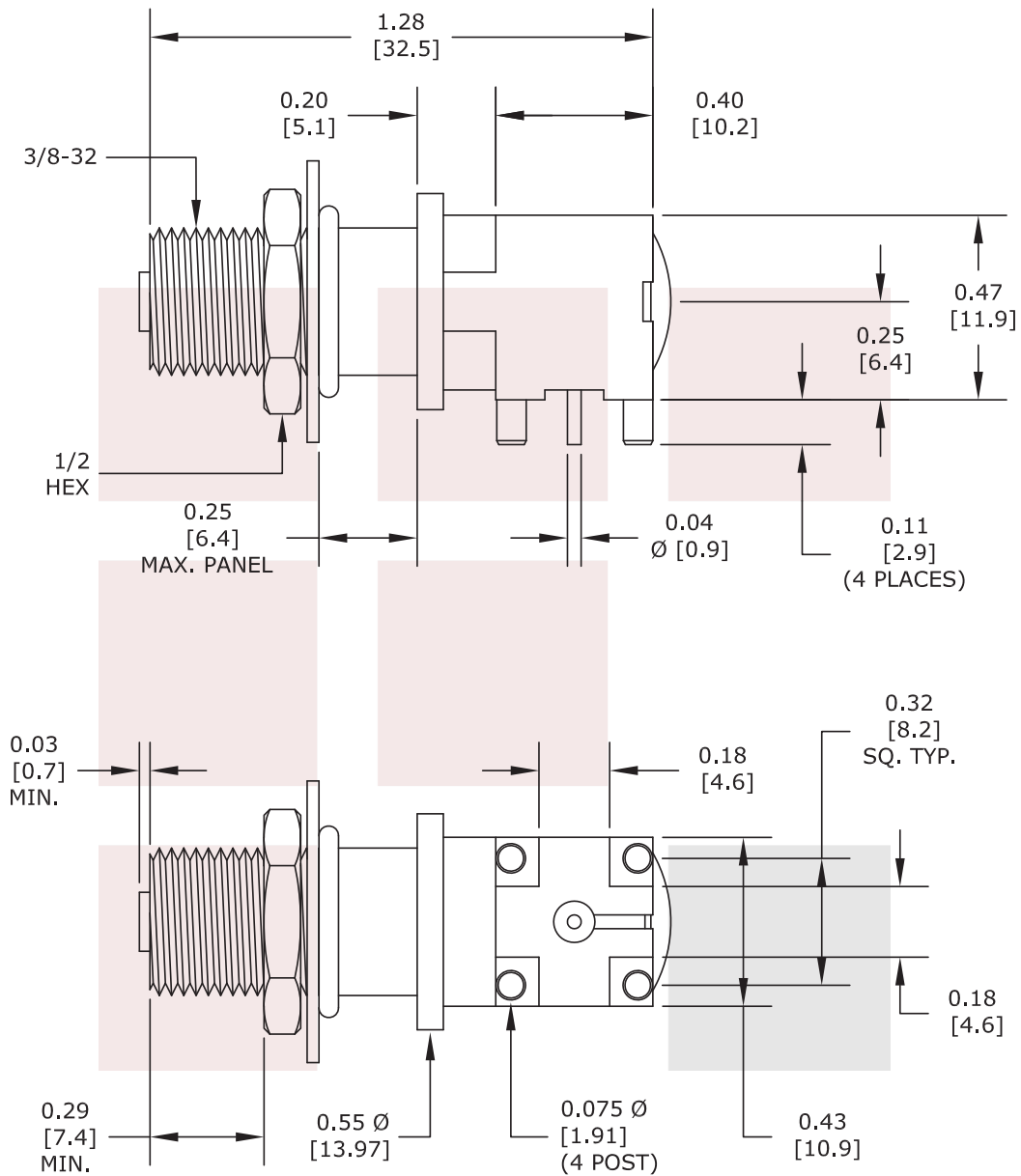
- Values at +25 °C, sea level

RA 75 Ohm F Female Bulkhead PCB Connector Surface Mount Solder Attachment IP 67 Rated 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 75 Ohm F Female Bulkhead PCB Connector Surface Mount Solder Attachment IP 67 Rated SC2230](#)

URL: <http://www.fairviewmicrowave.com/f-female-standard-surface-mount-pcb-connector-sc2230-p.aspx>

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<b>FAIRVIEW MICROWAVE INC.</b>		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].			
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		DWG NO		CAGE CODE	
TITLE		SC2230		3FKR5	
RA 75 Ohm F Female Bulkhead PCB Connector Surface Mount Solder Attachment IP 67 Rated		CAD FILE	SHEET	SCALE	SIZE
		081514		N/A	A 2233