

**N Isolator With 20 dB Isolation From 135 MHz to 175 MHz And 150 Watts**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Impedance		50		Ohms
Frequency Range	135		175	MHz
Insertion Loss			0.5	dB
Forward Power			150	Watts
Reverse Power			100	Watts
Input VSWR			1.3:1	
Isolation	20			dB

\* Values at 25°C, sea level

**Mechanical Specifications**

**Temperature**

Operating Range -30 to 70 deg C

**Size**

Length 4.4 in [111.76 mm]  
 Width 3 in [76.2 mm]  
 Height 1.2 in [30.48 mm]

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

RoHS Compliant Yes  
 REACH Compliant Yes

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level
- Includes internal 100 Watt Termination. Isolation 16.5dB at -10C to -30C and 17dB from +60C to +70C. Insertion Loss .7dB from -10C to -30C

N Isolator With 20 dB Isolation From 135 MHz to 175 MHz And 150 Watts 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: [N Isolator With 20 dB Isolation From 135 MHz to 175 MHz And 150 Watts SFI1317N](#)

URL: <http://www.fairviewmicrowave.com/n-isolator-20-db-isolation-135-175-mhz-150-watts-sfi1317n-p.aspx>

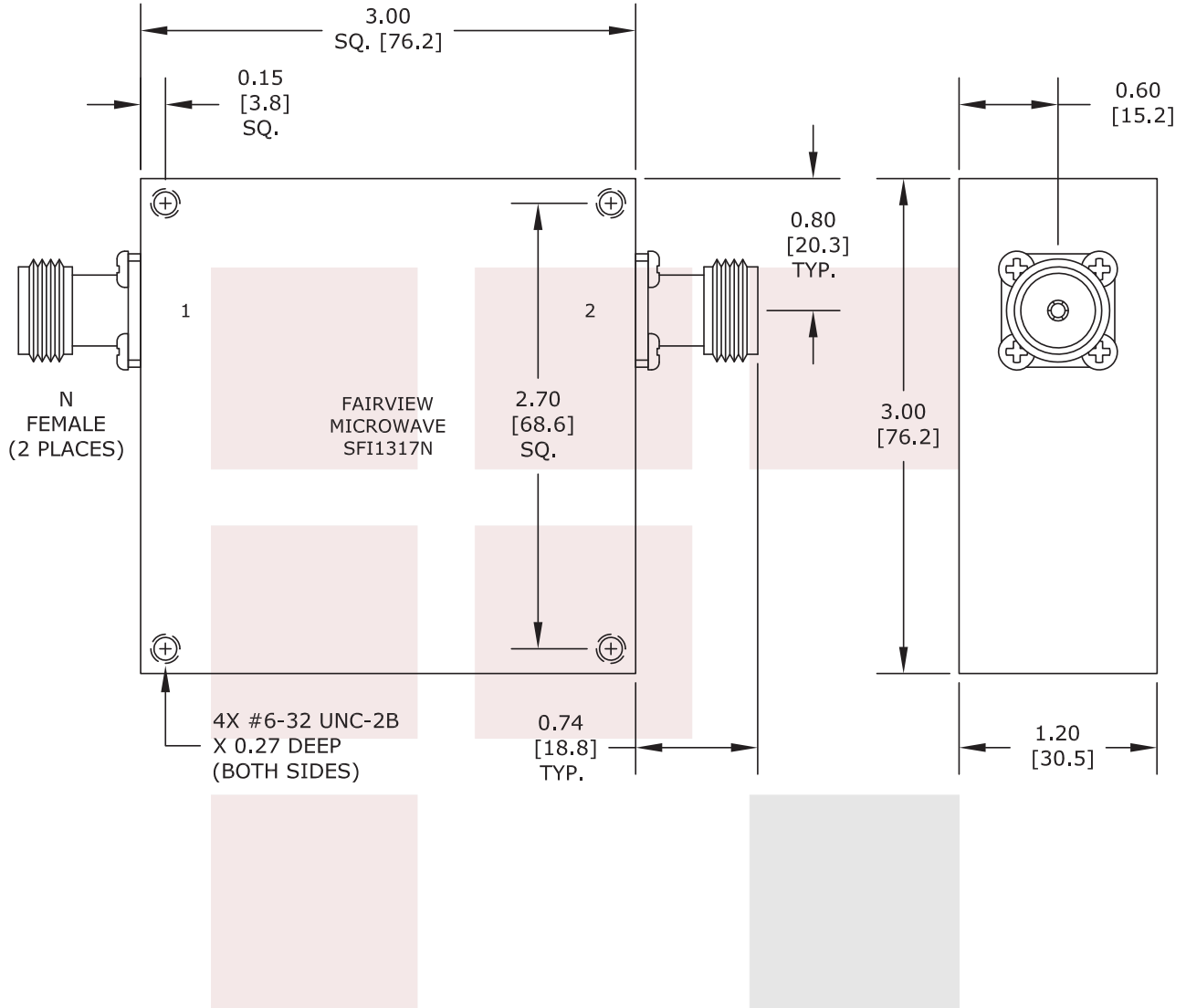
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to 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:**

- Design: Isolator
- Freq. Range: 135 MHz to 175 MHz
- Connectors: N Female

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TITLE N Isolator With 20 dB Isolation From 135 MHz to 175 MHz And 150 Watts		DWG NO SFI1317N		CAGE CODE 3FKR5	
CAD FILE	052114	SHEET	SCALE	N/A	SIZE A 2233