

Inner DC Block From 100 MHz to 50 GHz With 2.4mm Connectors

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	0.1		50	GHz
Impedance		50		Ohms
VSWR			1.75:1	
Insertion Loss			1.5	dB
Operating Voltage (DC)			75	Volts



Mechanical Specifications

Size

Length	1.125 in [28.58 mm]
Width	0.312 in [7.92 mm]
Weight	0.0192 lbs [8.71 g]
Housing Material and Plating	Stainless Steel, Passivated

Configuration

Design	Inner DC Block
Package Type	Connectorized

Description	Connector 1	Connector 2
Type	2.4mm Male	2.4mm Female
Inner Cond Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Coupling Nut Material & Plating	Stainless Steel, Passivated	

Environmental Specifications

Temperature

Operating Range	5 to +75 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

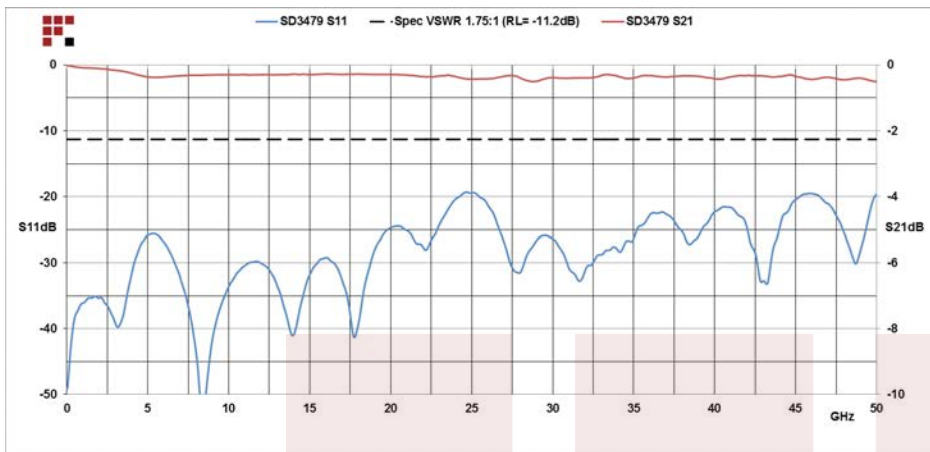
RoHS Compliant	Yes
REACH Compliant	12/17/2015

Plotted and Other Data

Notes:

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 Allen, TX 75013
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Typical Performance Data

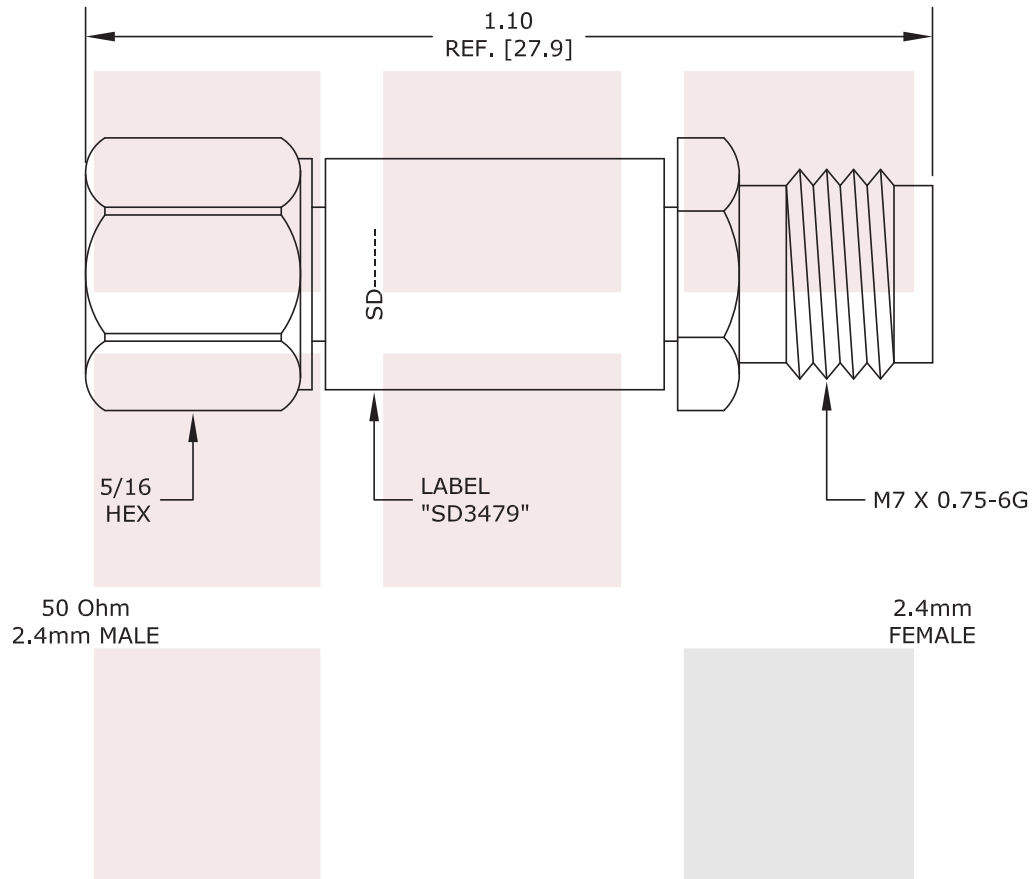


Inner DC Block From 100 MHz to 50 GHz With 2.4mm Connectors from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [Inner DC Block From 100 MHz to 50 GHz With 2.4mm Connectors SD3479](https://www.fairviewmicrowave.com/inner-dc-block-100-mhz-50-ghz-2.4mm-connectors-sd3479-p.aspx)

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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	±0.1
.XXX	±0.05

*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 Inner DC Block From 100 MHz to 50 GHz With 2.4mm Connectors		DWG NO SD3479		CAGE CODE 3FKR5	
CAD FILE	070816	SHEET	SCALE	N/A	SIZE A 2233