

**Inner and Outer DC Block From 10 MHz to 18 GHz  
With SMA Connectors**

**Electrical Specifications**

| Description            | Min  | Typ | Max    | Units |
|------------------------|------|-----|--------|-------|
| Frequency Range        | 0.01 |     | 18     | GHz   |
| Impedance              |      | 50  |        | Ohms  |
| VSWR                   |      |     | 1.35:1 |       |
| Insertion Loss         |      |     | 0.5    | dB    |
| Operating Voltage (DC) |      |     | 200    | Volts |



**Mechanical Specifications**

**Size**

|        |                   |
|--------|-------------------|
| Length | 1.2 in [30.48 mm] |
| Width  | 0.5 in [12.7 mm]  |
| Weight | 0.02 lbs [9.07 g] |

**Configuration**

|              |                      |
|--------------|----------------------|
| Design       | Inner/Outer DC Block |
| Package Type | Connectorized        |

| Description             | Connector 1 | Connector 2 |
|-------------------------|-------------|-------------|
| Type                    | SMA Male    | SMA Female  |
| Connector Specification | MIL-C-39012 | MIL-C-39012 |
| Hex Size                | 5/16 in.    |             |

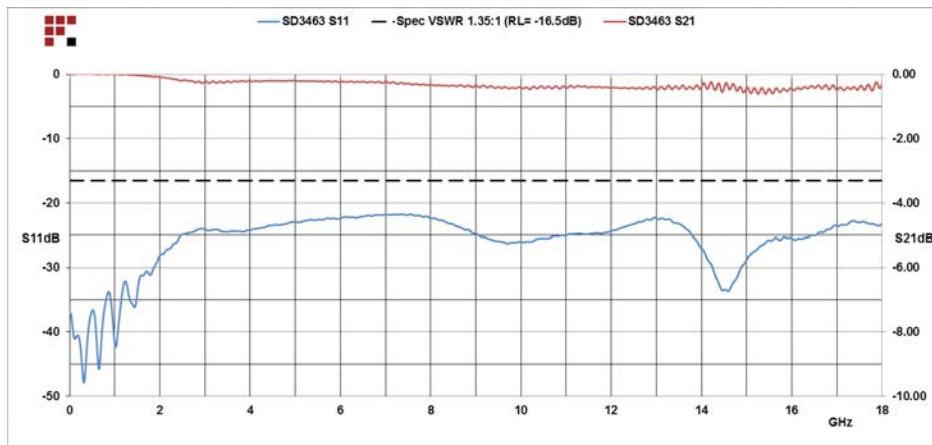
**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

|                 |            |
|-----------------|------------|
| RoHS Compliant  | Yes        |
| REACH Compliant | 12/17/2014 |

**Plotted and Other Data**

Notes:

**Typical Performance Data**



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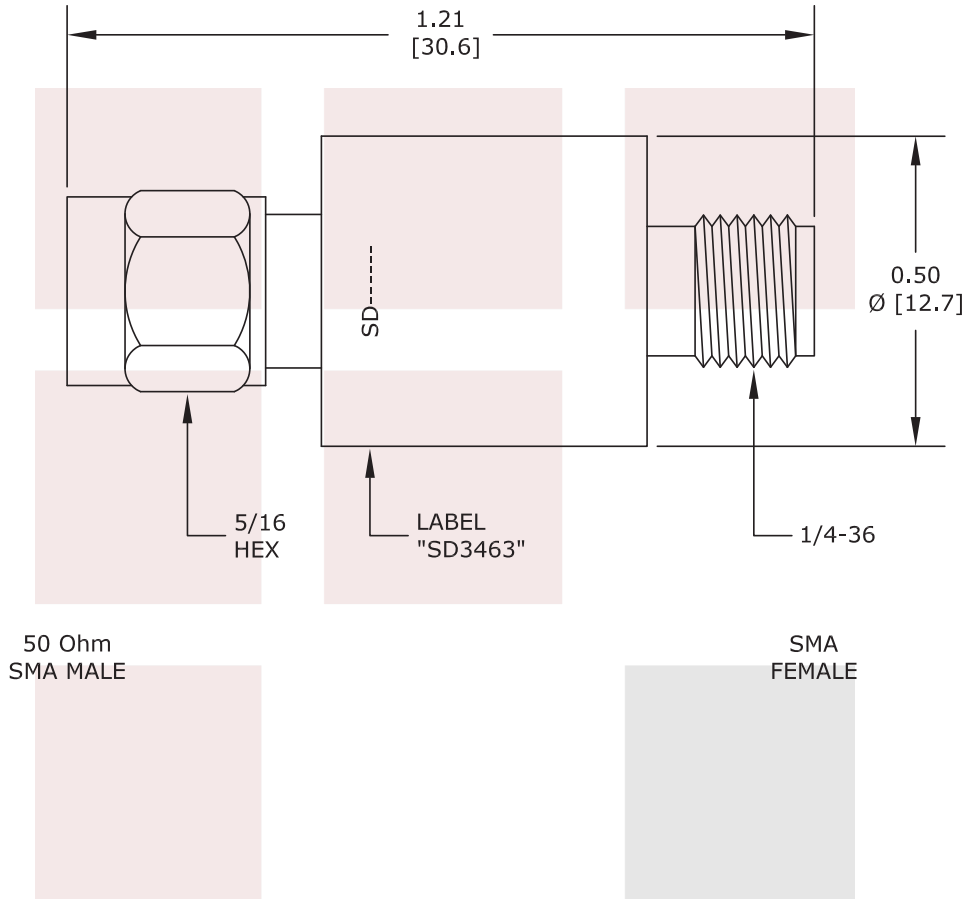
Inner and Outer DC Block From 10 MHz to 18 GHz With SMA Connectors from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [Inner and Outer DC Block From 10 MHz to 18 GHz With SMA Connectors SD3463](#)

URL: <https://www.fairviewmicrowave.com/inner-and-outer-dc-block-10-mhz-18-ghz-sma-connectors-sd3463-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                 | ±0.1  |
| .XXX                | ±0.05 |

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

|  |        |   |       |                    |             |
|--|--------|---|-------|--------------------|-------------|
| <b>FAIRVIEW MICROWAVE INC.</b><br>ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM    |        | NOTES:<br>1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.<br>2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.<br>3. DIMENSIONS ARE IN INCHES [mm]. |       |                    |             |
| TITLE<br>Inner and Outer DC Block From 10 MHz to 18 GHz<br>With SMA Connectors |        | DWG NO<br>SD3463  |       | CAGE CODE<br>3FKR5 |             |
| CAD FILE   | 070716 | SHEET   | SCALE | N/A                | SIZE A 2233 |