

FMC-8000-11000-10-1

8~11GHz, 10W, Clockwise

Features:
 * Broadband
 * High Power
 * Low Insertion Loss
 * Broadband

Applications:
 * Wireless
 * Radar
 * Laboratory Test
 * Wireless

Electrical

Frequency:	8~11GHz
Insertion Loss:	0.6dB max.
VSWR:	1.35 max.
Isolation:	17dB min.
Average Power:	10W
Direction:	P1 → P2 → P3

Mechanical

Size ^{*1} :	5*5*3.5mm 0.197*0.197*0.138in
Connector Type:	Microstrip

[1] Exclude connectors.

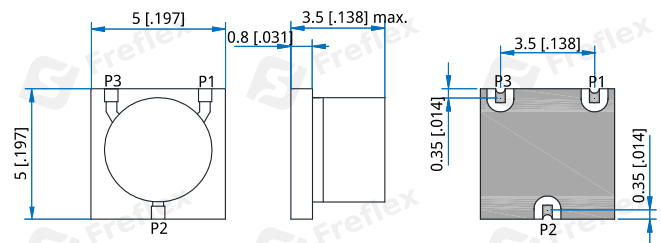
Environmental

Temperature:	-40~+85°C
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Notes:

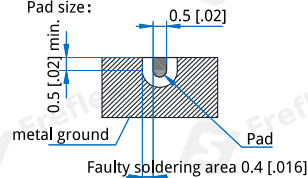
- Soldering Temp should be valid for ≤ 230 °C, soldering time ≤ 25 s;
- For closely placed circulators (6~10mm spacing) during soldering, a magnetic shield cap can be added on the component design to reduce the magnetization between components;
- Marking should be added on the component by laser Carver (Batch Number and Serial Number);
- Specs should be measured under High power condition (20WPeak, %15) and measurement results should be shared with the customer.

Outline Drawings



Recommended PCB board: Dielectric constant 2.94, thickness 0.254 [0.01]

Pad size:



Unit: mm [in]

Tolerance: ± 0.2 mm [± 0.008 in]

How To Order

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Customization is available upon request.