MAFR-000084-GS1C1T



Applications

♦ Wireless Infrastructure

DollC Complian

- RoHS Compliant
- ♦ BeO free

Features

Electrical Specifications

Parameter	Conditions	Units	Min	Тур	Max
Frequency Range		MHz	925		960
Impedance		Ω		50	
Insertion Loss		dB			0.30
Isolation		dB	22		
VSWR					1.2:1

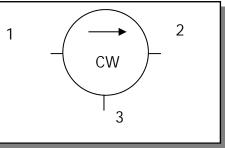
1. All specifications guaranteed over the operating temperature range unless otherwise stated.

2. See Application Note ANI-001 for further details.

Pin Configuration

Terminal	Designation	Function
1	Port 1	In
2	Port 2	Out
3	Port 3	Out

Functional Block Diagram



Absolute Maximum Ratings

Parameter	Conditions	Units	Min	Max
Input Power		W		500
Reverse Power		W		500
Operating Temperature Range		°C	-30	+85
Storage Temperature Range		°C	-55	+125

Application Notes Available

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Application Note	Description	
ANI-001	IMD Measurement of Ferrite Isolators and Circulators	
ANI-003	Maximum Peak Power of Ferrite Junctions	
ANI-004	Base Plate Temperature of Ferrite Isolators and Circulators	
ANI-007	Reflow Soldering Guidelines	
ANI-008	Curie Temperature of Isolators and Circulators	
ANI-009	Tape and Reel Information for Isolators and Circulators	

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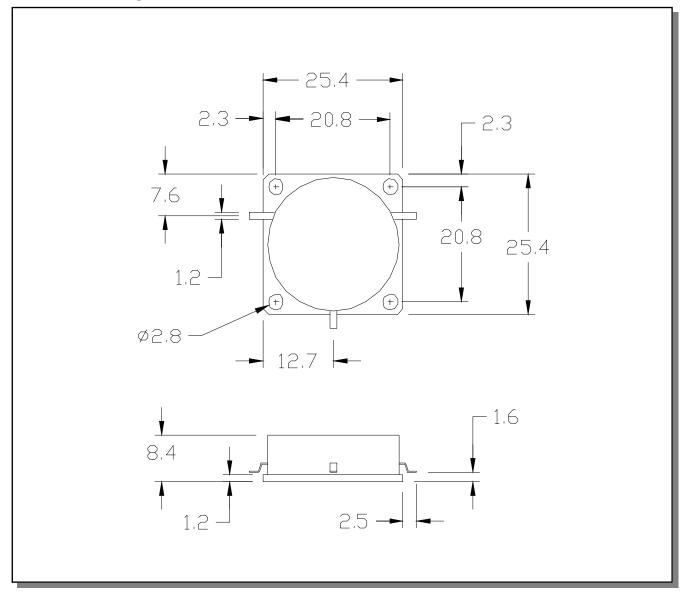
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Single Junction Drop-In Circulator 925 MHz—960 MHz

Outline Drawing



- 1. Dimensions in mm.
- 2. Tolerance: ±0.2mm unless otherwise noted.
- 3. Lead thickness is 0.12mm.
- 4. Model number, lot code and port designation printed on top side of unit.

Plating

Section	Material	Plating
Leads	Copper	Silver
Housing	Steel	Silver

ECO History

Rev	Date	Description	Ву
С	22/9/2009	Update format	BH

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Rev. C