

# Single Junction Surface Mount Isolator 800MHz, 900MHz, 1800MHz, 1900MHz, 2100MHz

# FR32 Series

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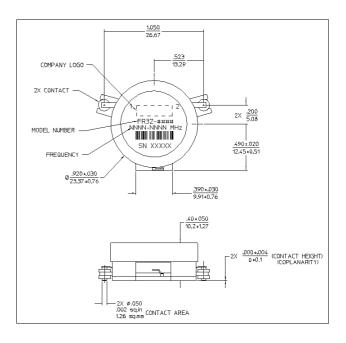
#### Features

- 20dB Isolation
- 0.35dB Insertion Loss
- Low cost surface mount package
- Custom products available with alternative configurations such as couplers, attenuators, high power termination and reverse circulation.

#### Description

M/A COM's drop-in circulators and isolators, designed for Wireless base station and power amplifier applications, feature high reliability performance at a low cost. These designs feature a low cost package ideally suited for high volume manufacturing. M/A Com is one of the largest suppliers of isolator and circulators in the world.

## **Outline Drawing**



## Electrical Specifications: Z<sub>0</sub> = 50W

Parameter	-30°C to +85°C
Isolation	20dB minimum
Insertion Loss	0.35dB maximum
VSWR, all ports	1.22:1
Circulation	Clockwise

# **Ordering Information**

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Part Number	Frequency Range (MHz)
FR32-0001	869—894
FR32-0002	925—960
FR32-0003	1805—1880
FR32-0004	1930—1990
FR32-0009	2110—2170

# Absolute Maximum Ratings<sup>1</sup>

Parameter	Absolute Maximum
Forward Power	65 Watts
Reflected Power	10 Watts
Operating Temperature	-30°C to +85°C
Storage Temperature	-45°C to +125°C

1. Operation of this device above any one of these parameters

Visit www.macom.com for additional data sheets and product information.

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