

# M/A-COM 11 dB Directional Coupler 1500 - 2000 MHz

## Features

- Space Qualified
- Designed to meet the Stringent Reliability Standards of Space Hardware
- 50 Ohms Nominal Impedance

## Description

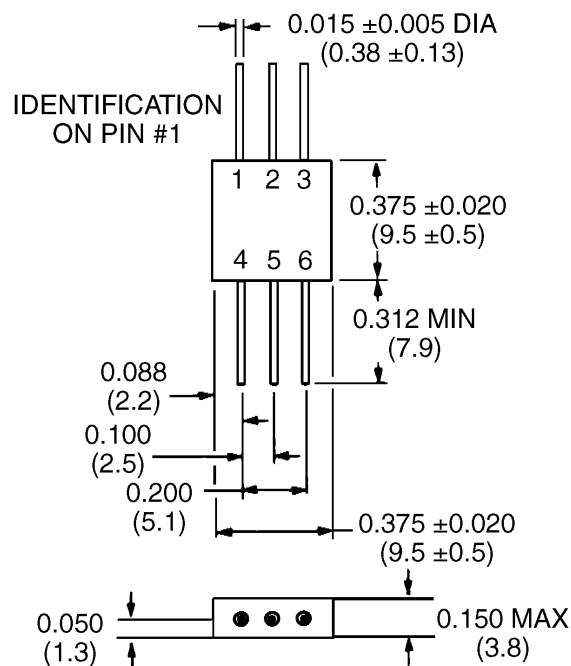
M/A-COM's CH20-0058-S is a unique type of 11 dB Directional Coupler designed to operate within the frequency range of 1500 MHz to 2000 MHz.

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

Parameter	Absolute Maximum
Max. Input Power 10-500 MHz	1 Watt
Operating Temperature	-40°C to +85°C
Storage Temperature	-65°C to +125°C

1. Operation of this device above any one of these parameters may cause permanent damage.

## FP-1



## Electrical Specifications, T<sub>A</sub> = +25°C

Parameter	Frequency	Units	Min.	Typ.	Max.
Coupling	1500-2000 MHz	dB	-	10.8 dB ± 0.7 dB	-
Coupling Flatness	1500-2000 MHz	dB	-	-	±0.5
Directivity	1500-2000 MHz	dB	12	-	-
VSWR	1500-2000 MHz	-	-	-	1.5:1
Main Line Loss	1500-2000 MHz	dB	-	-	2.0

Specifications subject to change without notice.

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Visit [www.macom.com](http://www.macom.com) for additional data sheets and product information.

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