

# M/A-COM 11 dB Directional Coupler 500 - 1000 MHz

## Features

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

## Description

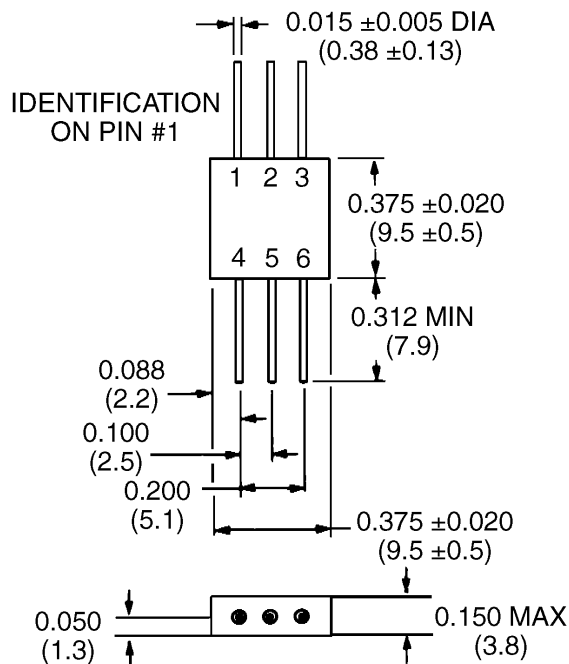
M/A-COM's CH20-0059-S is a unique type of 11 dB Directional Coupler designed to operate within the frequency range of 500 MHz to 1000 MHz.

## 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, $T_A = +25^\circ\text{C}$

Parameter	Frequency	Units	Min.	Typ.	Max.
Coupling	500-1000 MHz	dB	-	10.8 dB $\pm 0.7$ dB	-
Coupling Flatness	500-1000 MHz	dB	-	-	$\pm 0.5$
Directivity	500-1000 MHz	dB	18	-	-
VSWR	500-1000 MHz	-	-	-	1.4:1
Main Line Loss	500-1000 MHz	dB	-	-	1.5

Specifications subject to change without notice.

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