

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

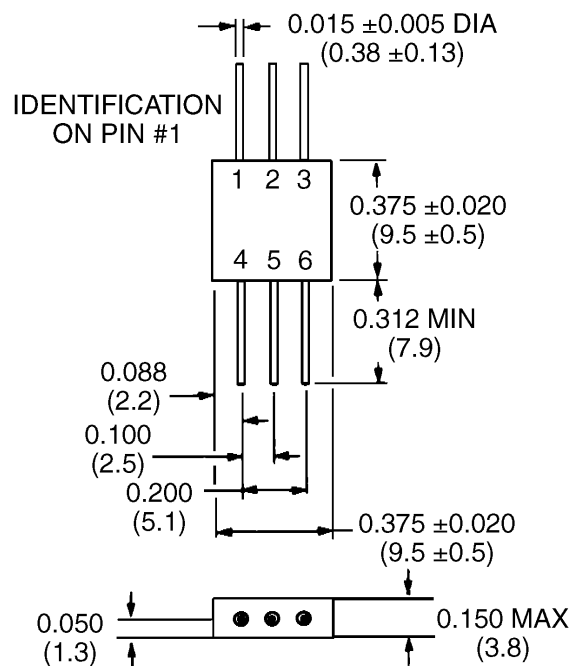
M/A-COM's CH20-0058-S is a unique type of 11 dB Directional Coupler designed to operate within the frequency range of 1500 MHz to 2000 MHz.

Absolute Maximum Ratings¹

| 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 | 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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