

M/A-COM 11 dB Directional Coupler

10 - 500 MHz

Features

- Space Qualified version of CH-134
- Designed to meet the Stringent Reliability Standards of Space Hardware
- 50 Ohms Nominal Impedance
- Constant Coupling - Within ± 0.5 dB Max.

Description

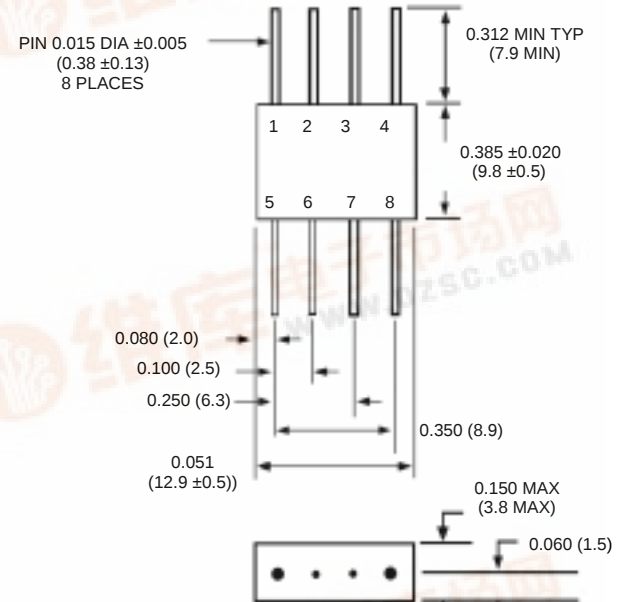
M/A-COM's CH35-0009-S is a unique type of 180° hybrid.

Absolute Maximum Ratings¹

Parameter	Absolute Maximum
Max. Input Power	
Operating Temperature	-45°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-2



Dimensions in () are in mm.

Unless Otherwise Noted: .xxx = ± 0.010 (.xx = ± 0.25)

.xx = ± 0.02 (.x = ± 0.5)

WEIGHT (APPROX.): 0.09 OUNCES 2.5 GRAMS

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

Parameter	Frequency	Units	Min.	Typ.	Max.
Coupling	10-500 MHz	dB	-	10.8 dB ± 0.7 dB	-
Coupling Flatness	10-500 MHz	dB	-	-	± 0.5
Directivity	10-500 MHz	dB	20	-	-
VSWR	10-25 MHz	-	-	-	1.8:1
	25-200 MHz	-	-	-	1.5:1
	200-500 MHz	-	-	-	1.8:1
Main line Loss	10-500 MHz	-	-	-	1.6