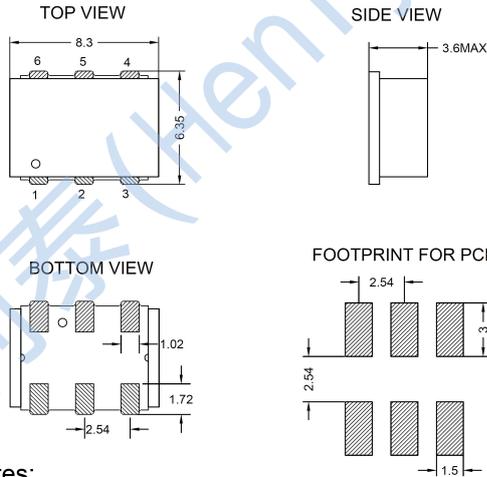




5-1000Mhz 50Ω 20dB Coupler

HT-ADC-20-4+

Mechanical Dimensions:

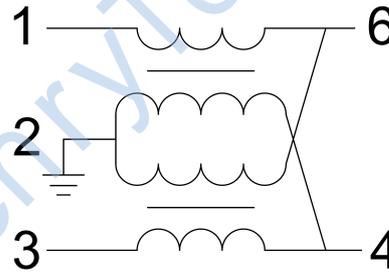


- Notes:
- 1: Dimensions in mm.
 - 2: Tolerance ± 0.3 mm unless otherwise noted.

Ports Configuration:

Input	1
Output	6
Coupled	3
50Ohm External	4
Ground	2
Not used	5

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		250
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-ADC-20-4+	800 per reel



5-1000MHz 50Ω 20dB Coupler

HT-ADC-20-4+

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	5	~	1000
Insertion Loss	5-50MHz	dB	-	0.4	0.8
	50-500MHz			0.5	1.0
	5-1000MHz			0.7	1.3
Coupling	5-1000MHz	dB	19	20	21
Coupling Flatness	5-1000MHz	dB	-	-	±0.8
VSWR	5-1000MHz	-	-	1.1	1.5
Directivity	5-50MHz	dB	18	20	-
	50-500MHz		17	21	
	5-1000MHz		15	21	

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves: