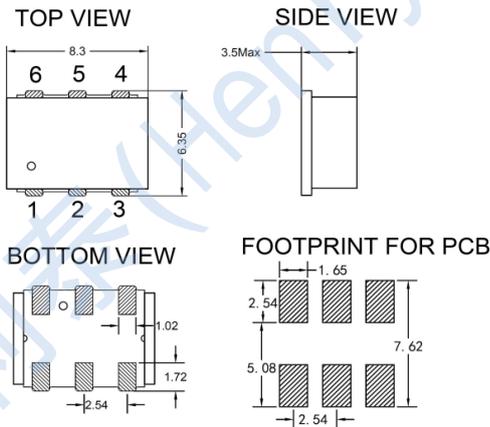




5-1000Mhz 50Ω 15.5dB Coupler

HT-ADC-15-4+

Mechanical Dimensions:



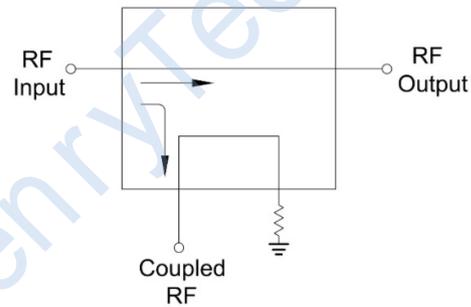
Notes:

- 1: Dimensions in mm.
- 2: Tolerance $\pm 0.3\text{mm}$ unless otherwise noted.

Ports Configuration:

Input	1
Output	6
Coupled	3
Ground	2
50Ω Term External	4
Isolation (Not used)	5

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		500
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-15-4+	800 per reel



5-1000MHz 50Ω 15.5dB Coupler

HT-ADC-15-4+

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	-	0.6	1
Insertion Loss	50-500MHz	dB	-	0.6	1
Insertion Loss	500-1000MHz	dB	-	0.8	1.2
Coupling	5-1000MHz	dB	15	15.5	16
VSWR	5-1000MHz	-	-	1.2	1.3
Directivity	5-50MHz	dB	20	23	-
Directivity	50-500MHz	dB	20	24	-
Directivity	500-1000MHz	dB	17	28	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves: