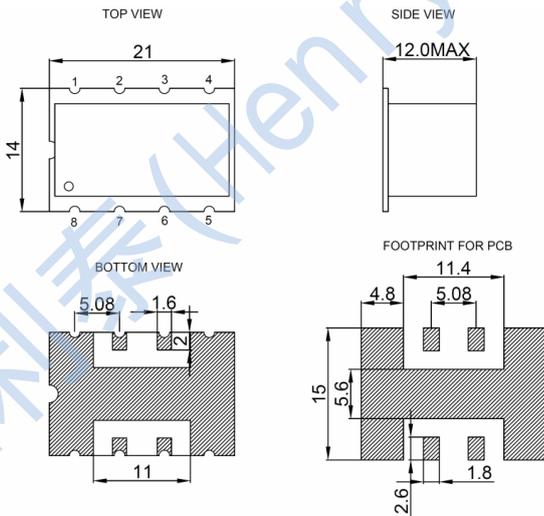




0.2-250Mhz 50Ω 19.5dB Coupler

HT-CP19.5-0.2-250+

Mechanical Dimensions:

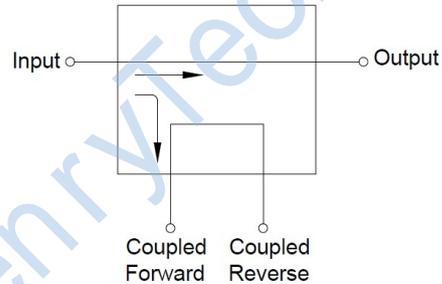


- Notes:  
1: Dimensions in mm.  
2: Tolerance ±0.3mm unless otherwise noted.

Ports Configuration:

Input	7
Output	2
Coupled Forward	6
Coupled Reverse	3
Ground	Other

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		4W
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-CP19.5-0.2-250+	500 per reel



## 0.2-250MHz 50Ω 19.5dB Coupler

HT-CP30-1-30+

## Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	0.2	~	250
Insertion Loss	0.2-250 MHz	dB	-	0.4	1.2
Coupling	0.2-250 MHz	dB	19	19.5	20
Directivity	0.2-250 MHz	dB	20	-	-
VSWR	0.2-250 MHz	-	-	1.1	-

## Notes:

1: Specifications guaranteed over the operating temperature range.

## Typical Performance Curves: