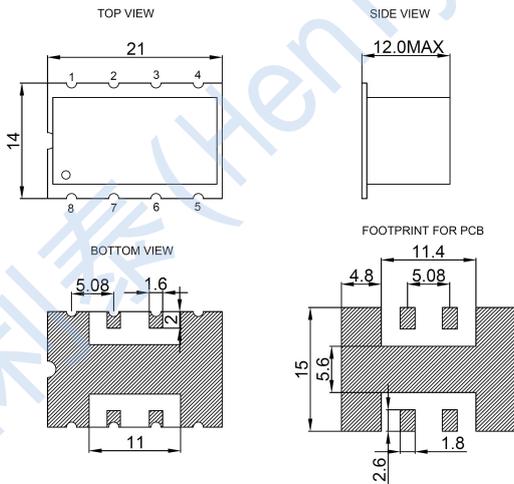




1-30Mhz 50Ω 28dB Coupler

HT-CP28-1-30+

Mechanical Dimensions:

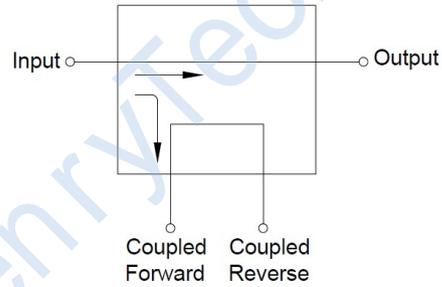


- Notes:  
 1: Dimensions in mm.  
 2: Tolerance  $\pm 0.3$ mm unless otherwise noted.

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		100W
DC Current		mA		2000
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-CP28-1-30+	500 per reel



1-30MHz 50Ω 28dB Coupler

HT-CP28-1-30+

Electrical Specifications:  $Z_0=50\ \Omega$  Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	1	~	30
Insertion Loss	1-30MHz	dB	-	-	0.25
Coupling	1-30MHz	dB	27.5	28	28.5
Directivity	1-30MHz	dB	22	-	-
VSWR	1-30MHz	-	-	-	1.25

Typical Performance Curves: