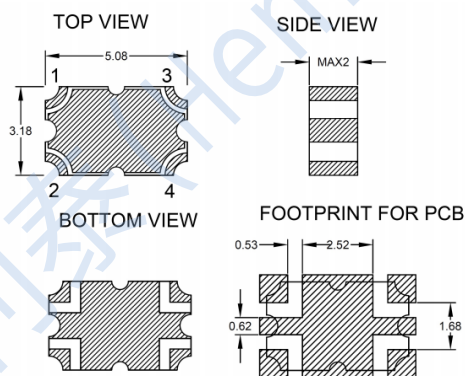


2000-6000Mhz 50Ω 10dB 50W Coupler

HT-CP10-23-63-50+

Mechanical Dimensions:



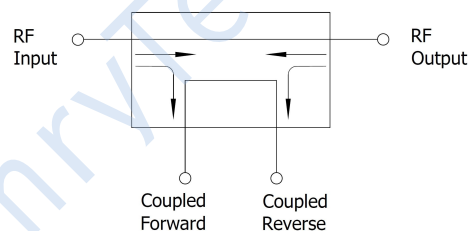
Notes:

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

Ports Configuration:

Input	1
Output	3
Coupled Forward	2
Coupled Reverse	4

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		50W
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-CP28-1-30+	2000 per reel



2000-6000MHz 50Ω 10dB 50W Coupler

HT-CP10-23-63-50+

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	2000	~	6000
Impedance	-	Ohm	-	50	-
Insertion Loss(Distribution loss excluded)	2000~ 2800MHz	dB	-	-	0.3
	2800~ 4300MHz	dB	-	-	0.3
	4300~ 6000MHz	dB	-	-	0.4
Main VSWR	2000~ 6000MHz	dB	-	1.2	-
Directivity	2000~ 2800MHz	dB	10	15	-
	2800~ 4300MHz	dB	10	15	-
	4300~ 6000MHz	dB	-	5	-
Coupling	2000~ 2800MHz	dB	10	11.5	13
	2800~ 4300MHz	dB	9.5	10.5	11.5
	4300~ 6000MHz	dB	10	11.5	13

Typical Performance Curves:

