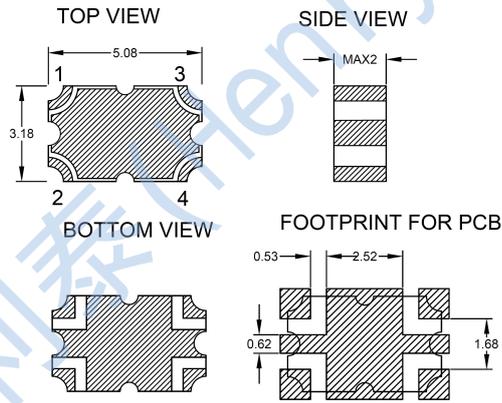




2500-5000Mhz 50Ω 15dB Coupler

HT-CP15-2.5-5G

Mechanical Dimensions:



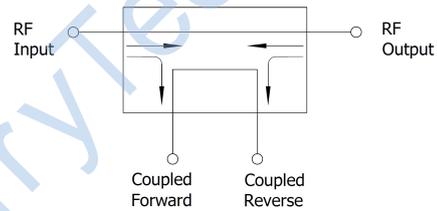
Notes:

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

Ports Configuration:

<b>Input</b>	<b>1</b>
<b>Output</b>	<b>3</b>
<b>Coupled Forward</b>	<b>2</b>
<b>Coupled Reverse</b>	<b>4</b>

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		50
DC Current		mA		500
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	125
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-CP15-2.5-5G	1500 per reel



2500-5000MHz 50Ω 15dB Coupler

HT-CP15-2.5-5G

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	2500	~	5000
Insertion Loss	2500-5000MHz	dB	-	0.45	0.7
Coupling	2500-5000MHz	dB	14	15.5	17
VSWR	2500-5000MHz	-	-	1.2	1.35
Directivity	2500-5000MHz	dB	8	10	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

