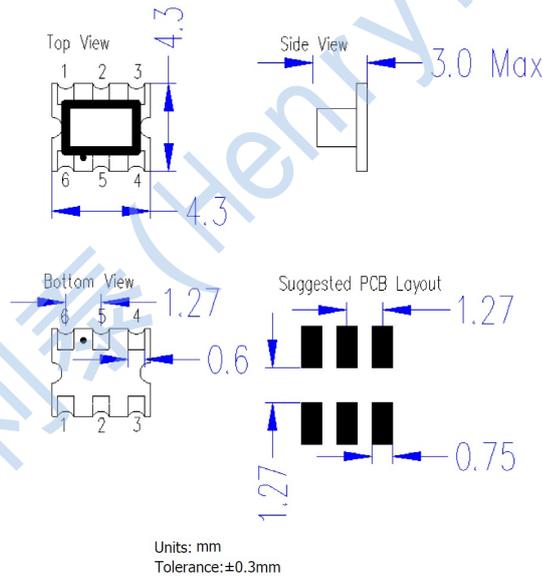




5-2150MHz 75Ω 2 Ways 0° Power Splitter

HT-MAPD-011007

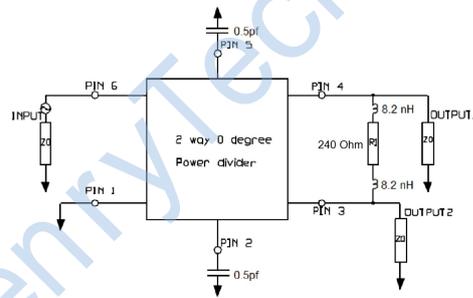
Mechanical Dimensions:



Ports Configuration:

Input	6
Ground	1
Output 2	3
Output 1	4
External 0.5pf	2,5

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		2
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-MAPD-011007	2000 per reel



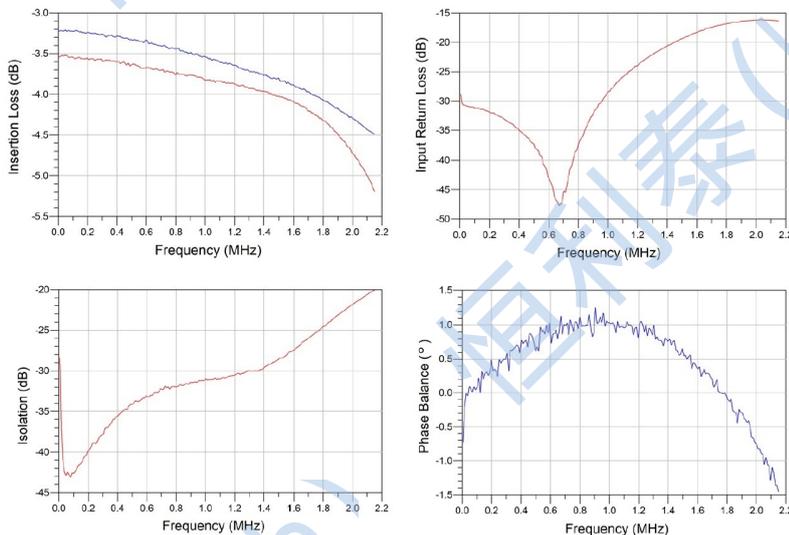
Electrical Specifications: Zo=75 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	5	~	2150
Impedance	-	Ohm	-	75	-
Insertion Loss	5 ~ 1002	dB	-	0.6	1.0
	1003 ~ 1218			0.8	1.2
	1218 ~ 1600			1.0	1.6
	1600 ~ 2150MHz			1.5	3.2
VSWR	5 ~ 1002	dB	-	1.15	1.2
	1003 ~ 1218			1.2	1.2
	1218 ~ 1600			1.5	1.5
	1600 ~ 2150MHz			1.8	2.0
Isolation	5 ~ 1002	dB	20	30	-
	1003 ~ 1218		25	25	
	1218 ~ 1600		20	25	
	1600 ~ 2150MHz		15	20	
Phase Unbalance	5 ~ 1002	Degree	-	0.8	4.0
	1003 ~ 1600			1.0	6.0
	1600 ~ 2150MHz			0.2	7.0
Amplitude Unbalance	5 ~ 1002	dB	-	0.3	0.5
	1003 ~ 1218			0.3	0.5
	1218 ~ 1600			0.3	0.5
	1600 ~ 2150MHz			0.5	1.5

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:



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