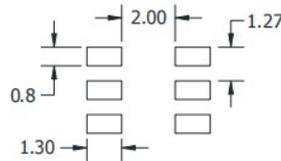
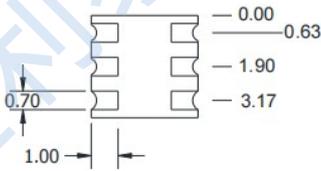
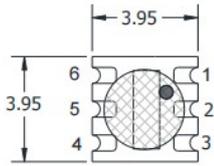




30-6000Mhz 50Ω 1:2 Transformer

HT-TCM2-63WX+

Mechanical Dimensions:

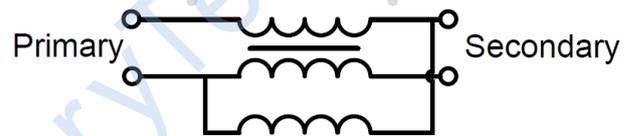


Notes:
1: Dimensions in mm.
2: Tolerance ± 0.3 mm unless otherwise noted.

Ports Configuration:

PRIMARY DOT	3
PRIMARY	1,2
SECONDARY DOT	6
SECONDARY	4
GND	1,2
NOT USED	5

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		2
DC Current		mA		300
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-TCM2-63WX+	2000 per reel



30-6000MHz 50Ω 1:2 Transformer

HT-TCM2-63WX+

Electrical Specifications: Ta=25°C Zo=50 Ohm Pin = 0 dBm

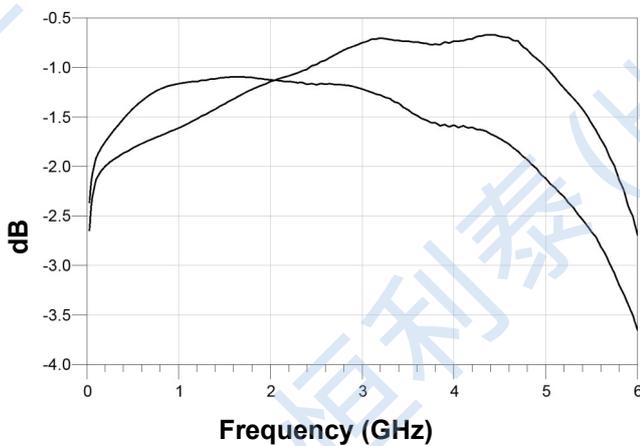
Parameter	Test Conditions	Min	Typ	Max	Units
Frequency range	—	30		6000	MHz
Impedance	—		50		Ω
Ratio	—		1:2		
Insertion loss	100 - 4000 MHz		0.9	1.9	dB
	30—5000 MHz		1.5	2.9	
	5000—6000 MHz		2.5	3.9	
Amplitude unbalance	100 - 4500 MHz		0.4		dB
	30—6000 MHz		0.5		
Phase unbalance	100 - 4500 MHz		4		Degrees
	30—6000 MHz		5		
Common Mode Rejection	100 - 4500 MHz	18	25		dB
	30—6000 MHz	15	20		

Notes:

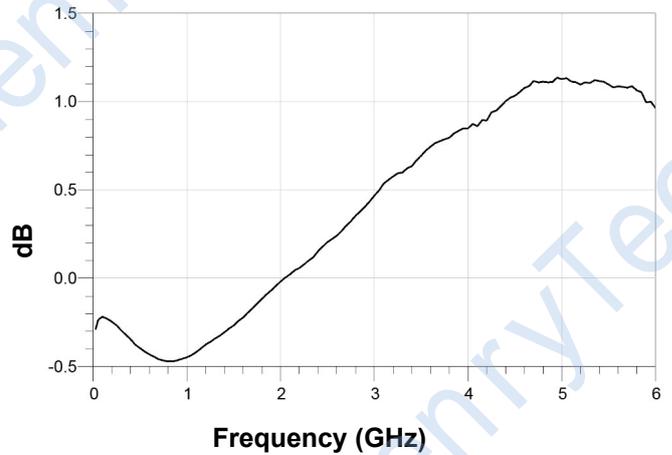
1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

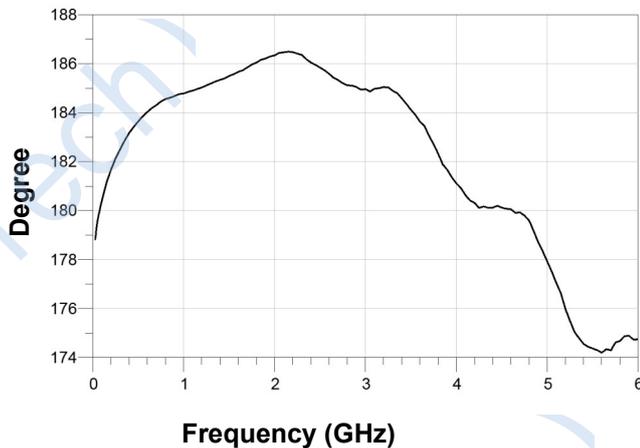
Insertion Loss:



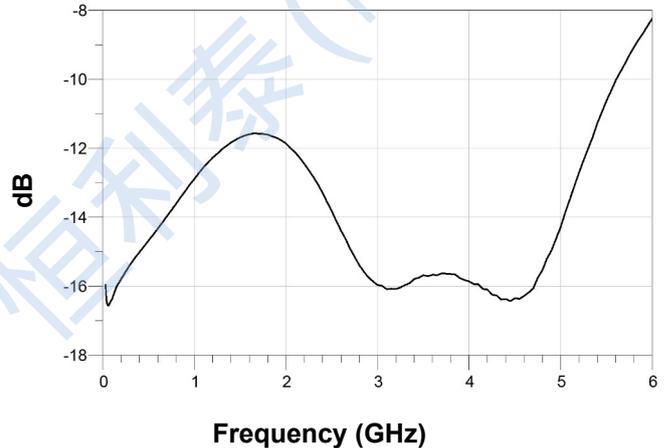
Amplitude Unbalance:



Phase Unbalance:



Return Loss:



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