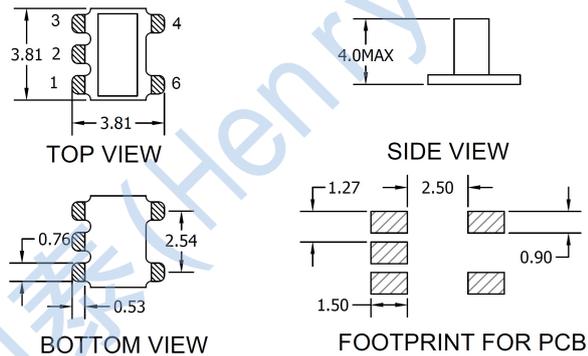


500-2500Mhz 50Ω 1:4 Ratio Transformer

HT-TCM4-25+

Mechanical Dimensions:



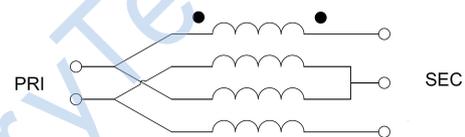
Notes:

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

Ports Configuration:

PRIMARY DOT	6
PRIMARY	4
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2
NOT USED	5

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
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-TCM4-25+	2000 per reel

500-2500Mhz 50Ω 1:4 Ratio Transformer

HT-TCM4-25+

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

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	500	~	2500
Impedance	-	Ohm	-	50	-
Impedance Ratio	-	-	-	1:4	-
Insertion Loss	500-2500Mhz	dB	-	3	-
Insertion Loss	700-1500Mhz	dB	-	2	-
Insertion Loss	750-1200Mhz	dB	-	1	-

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves: