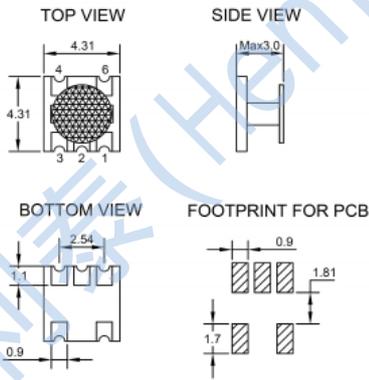




50-2000Mhz 50Ω 17dB Coupler

HT-DBTC-17-5+

Mechanical Dimensions:



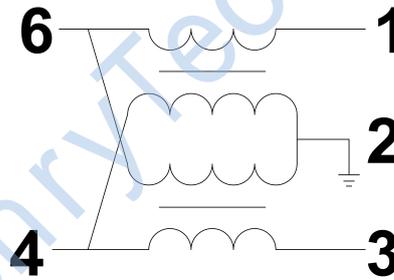
Notes:

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

Ports Configuration:

Input	3
Output	4
Coupled	1
Ground	2,6

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		2
DC Current		mA		500
Operating Temperature Range		Degree Cel	-55	85
Storage Temperature Range		Degree Cel	-55	85
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-DBTC-17-5+	2000 per reel



50-2000MHz 50Ω 17dB Coupler

HT-DBTC-17-5+

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	50	~	2000
Insertion Loss	50-2000MHz	dB	-	1.2	1.6
Coupling	50-2000MHz	dB	16	17	18
VSWR(Main)	50-2000MHz	:1	-	1.3	1.5
VSWR(Coupling)	50-2000MHz	:1	-	1.3	2
Directivity	50-2000MHz	dB	6	20	-

Typical Performance Curves:

