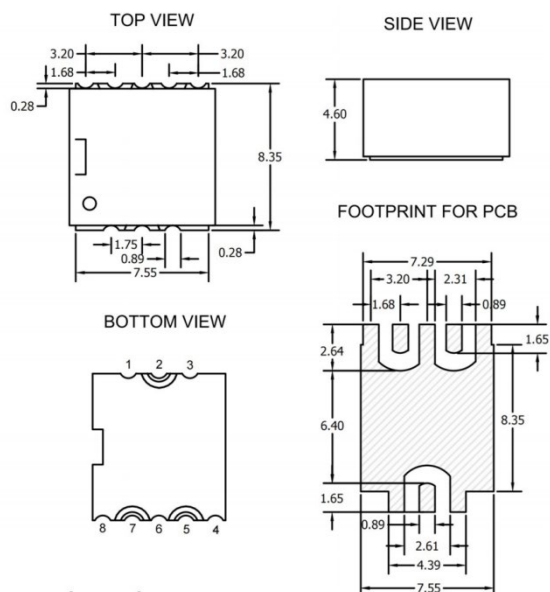


Mechanical Dimensions:



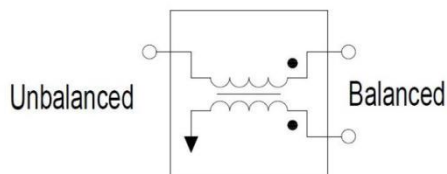
Notes:

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

Ports Configuration:

Input	2
0°Output	5
180°Output	7
Ground	Other

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		250
Operating Temperature Range		Degree Cel	-55	100
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
YT-BALH-0009SMG	500 per reel

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	0.5	~	9000
Impedance	-	Ohm	-	50	-
Impedance Ratio	-	-	-	1:1	-
Insertion Loss	0.5-2MHz 2-10MHz 10-9000MHz	dB	-	2 1.9 2	- 4 4
Amplitude Balance	0.5-2MHz 2-10MHz 10-9000MHz	dB	-	0.5 0.2 0.8	- 3.5 1.6
Phase Balance	0.5-2MHz 2-10MHz 10-9000MHz		-	2.5 2 5	- 14 12
Isotion	0.5-3000MHz 3000-9000MHz	dB	-	7 6	-
Input VSWR	0.5-3000MHz 3000-9000MHz	-	-	1.6 2.1	-
Output VSWR	0.5-3000MHz 3000-6000MHz 6000-9000MHz	-	-	1.1 1.2 1.3	-

Notes:

1: Specifications guaranteed over the operating temperature range.