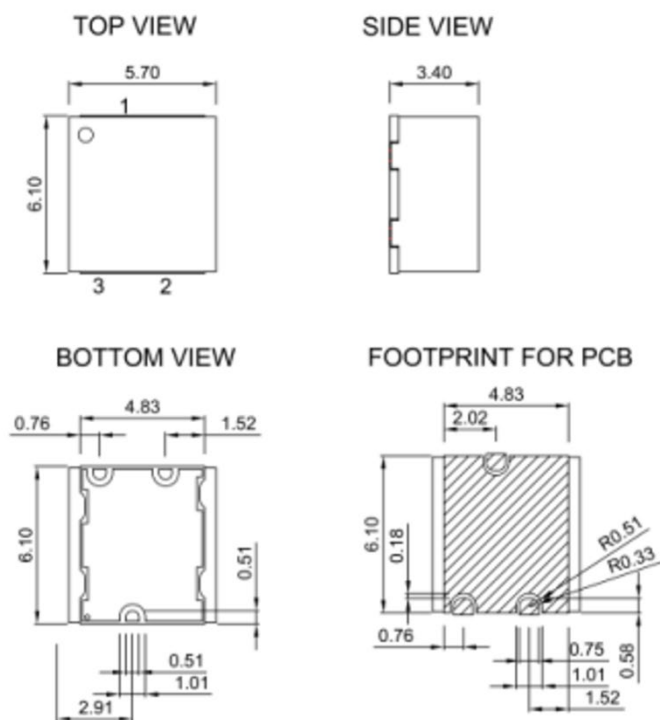


Mechanical Dimensions:



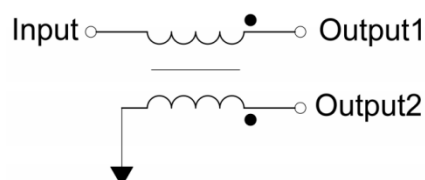
Notes:

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

Ports Configuration:

Input	1
Ouput 1	2
Ouput 2	3

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		10
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
YT-BAL-0012SSG	800 per reel

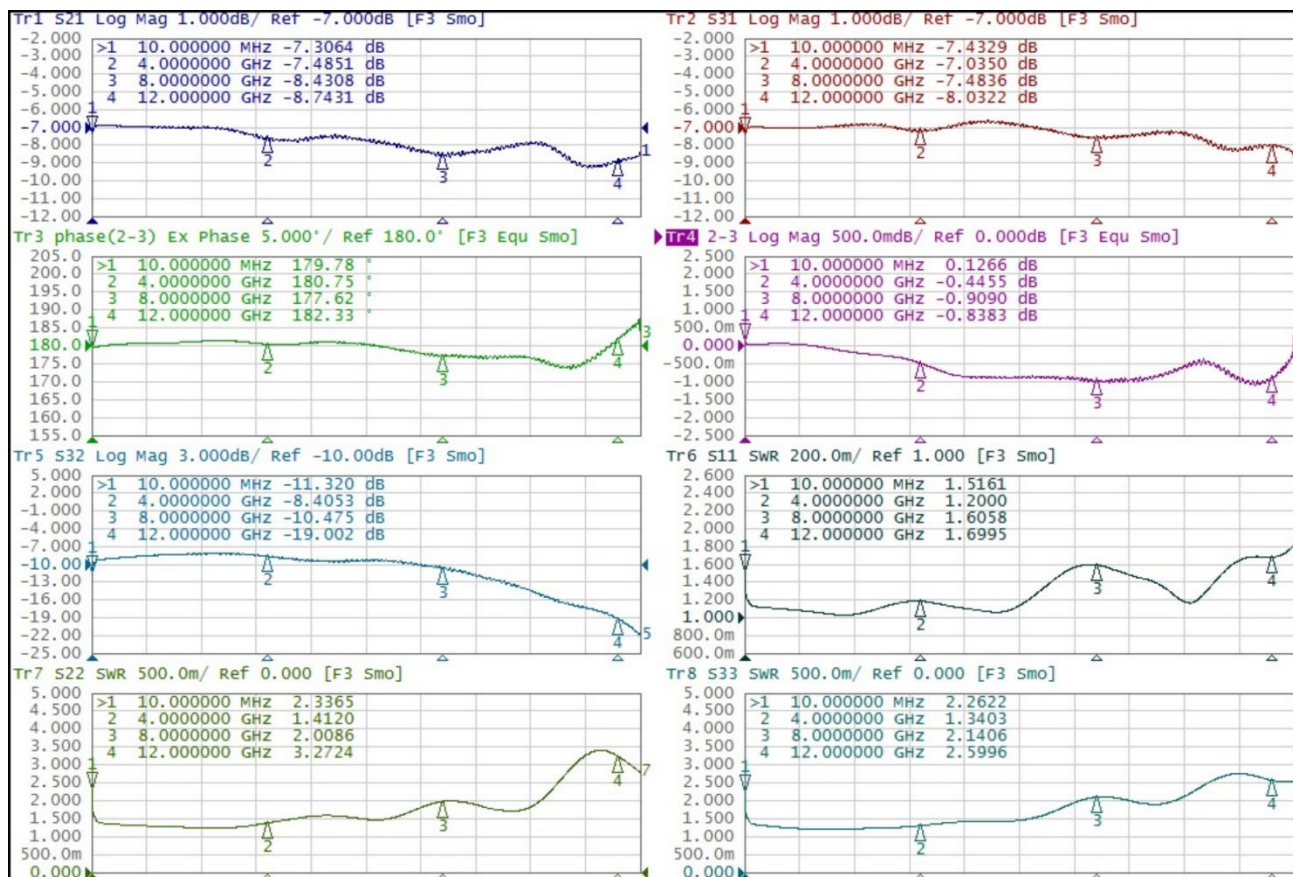
Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	10	~	12000
Nominal Insertion Loss	10-12000MHz	dB	-	6	-
Insertion Loss	10-12000MHz	dB	-	-	6.5
VSWR	10-12000MHz	-	-	1.6	-
Isolation	10-12000MHz	dB	-	8	-
Common Mode Rejection	10-12000MHz	dB	18	-	-
Phase Balance	10-12000MHz	Degree	-	-	±12
Amplitude Balance	10-12000MHz	dB	-	-	±1.8

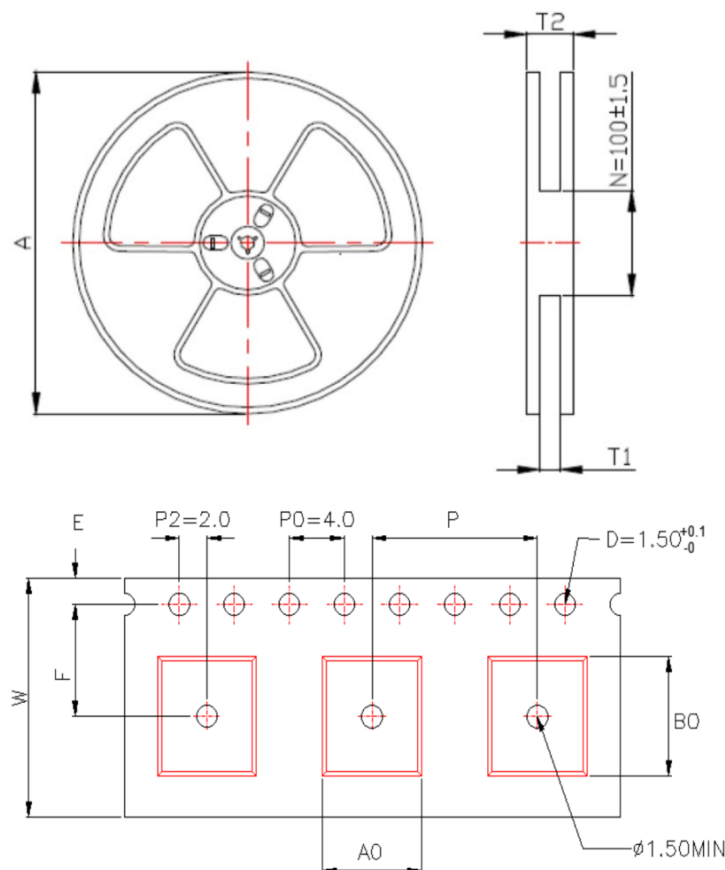
Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:



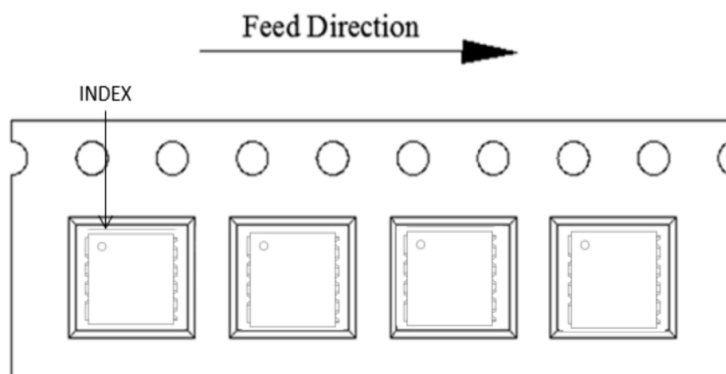
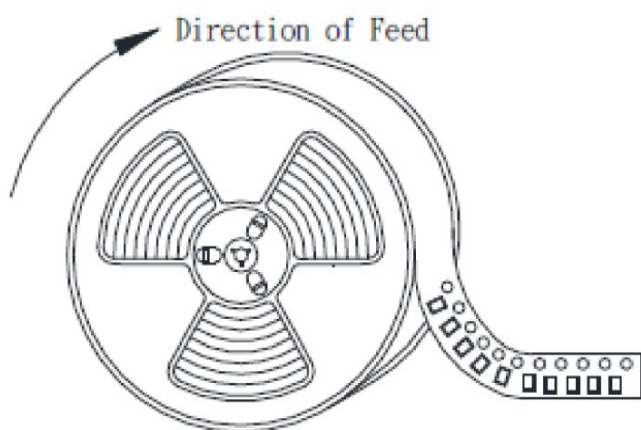
Packaging Information Tape And Reel



NOETS:

- 1.) Approx Weight : 0.1g/pcs
- 2.) Moisture Sensitivity Parts : Level 1
- 3.) Micro-c packing information is according with EIA-841-D standard.

ITEM	CARRIER TAPE(mm)							PLASTIC REEL (mm)			PRODUCT SIZE(mm)			PARTS PER REEL
	W (±0.3)	Ao (±0.1)	Bo (±0.1)	Ko (±0.1)	E (±0.1)	F (±0.1)	P (±0.1)	A (±0.3)	T1 (±0.3)	T2 (±0.3)	Ao (Typ)	Bo (Typ)	Ko (Typ)	
DIM	16.0	6.00	6.40	3.70	1.75	7.50	12.0	330	16	20	5.70	6.10	3.4	800PCS/Reel



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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com