

Features

- suitable for tin/lead and RoHS solder systems
- wideband, 10 to 1800 MHz
- balanced transmission line
- good return loss, 20 dB typ. at 1 dB band
- excellent amplitude unbalance, 0.3 dB typ.
- aqueous washable
- excellent intermod suppression



CASE STYLE: TT1618-1

+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications



Available Tape and Reel
 at no extra cost

Reel Size	Devices/Reel
7"	10, 20, 50, 100, 200
13"	500

Electrical Specifications at 25°C

Parameter	Frequency (MHz)	Min.	Typ.	Max.	Unit
Impedance Ratio			1		Ohm
Frequency Range		10		1800	MHz
Insertion Loss*	50 -1200	—	0.6	1.0	dB
	10-1800	—	0.9	2.0	
Amplitude Unbalance	50-1000	—	0.3	0.7	dB
	1000-1200	—	0.5	0.7	
	10-1800	—	0.7	1.4	
Phase Unbalance	50-1000	—	2	4	Degree
	1000-1200	—	3	8	
	10-1800	—	7.5	15	
Primary Return Loss (Input)	50-500	16	22	—	dB
	500-1000	13	20	—	
	1000-1200	13	20	—	
	10-1800	8	12.5	—	

*Insertion Loss is referenced to mid-band loss, 0.25 dB typ.

Maximum Ratings

Parameter	Ratings
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	1W
DC Current	30mA

Permanent damage may occur if any of these limits are exceeded.

Pin Connections

Function	Pin Number
PRIMARY DOT	4
PRIMARY	1
SECONDARY DOT	2
SECONDARY	3

Demo Board MCL P/N: TB-789+



