

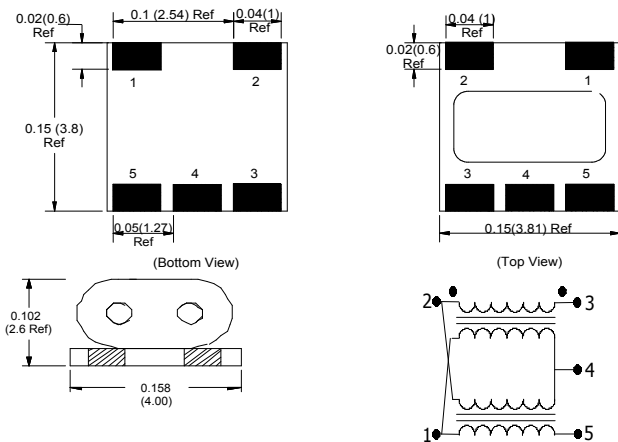
MRF-20003

2.6:1 Transmission Line Transformer 45-1200MHz



Base Style: FR4-54

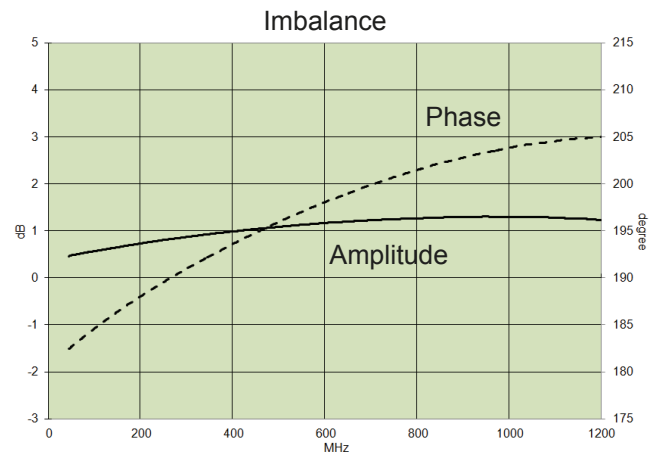
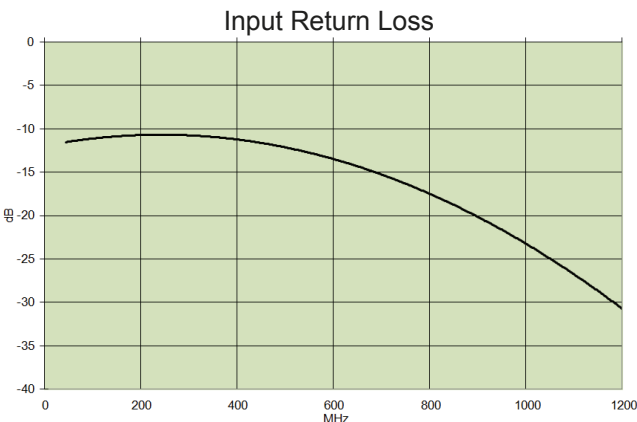
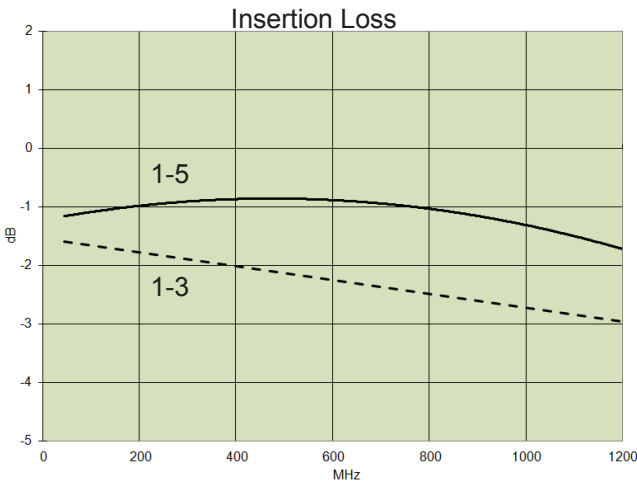
Mechanical Specifications: Inch [mm]



- Good high frequency return loss
- Small footprint
- Center tap allows DC feed
- For use with Qorvo (TriQuint) reference designs.
- See also: MRF-23001

Electrical Specifications: TA=25°C, Zo=75Ω

Parameter	Test Conditions	Units	Min.	Max.
Insertion Loss Pin 1-5	45-200 MHz	dB	-	2.0
	200-600 MHz	dB	-	1.5
	600-1200 MHz	dB	-	2.0
Insertion Loss Pin 1-3	45-200 MHz	dB	-	2.0
	200-600 MHz	dB	-	3.0
	600-1200 MHz	dB	-	4.5
Amplitude Imbalance	45-200 MHz	dB	-	±1.6
	200-600 MHz	dB	-	±2.2
	600-1200 MHz	dB	-	±3.0
Phase Imbalance	45-200 MHz	deg	-	180±10
	200-600 MHz	deg	-	180±20
	600-1200 MHz	deg	-	180±35
Input Return Loss	45-600 MHz	dB	9	-
	600-870 MHz	dB	12	-
	870-1000 MHz	dB	15	-
	1000-1200 MHz	dB	17	-



RF Power: 250mW Max.
 DC Current: 30mA Max
 Reflow Temp: 260°C -10sec
 Operating Temp: -40°C to +85°C