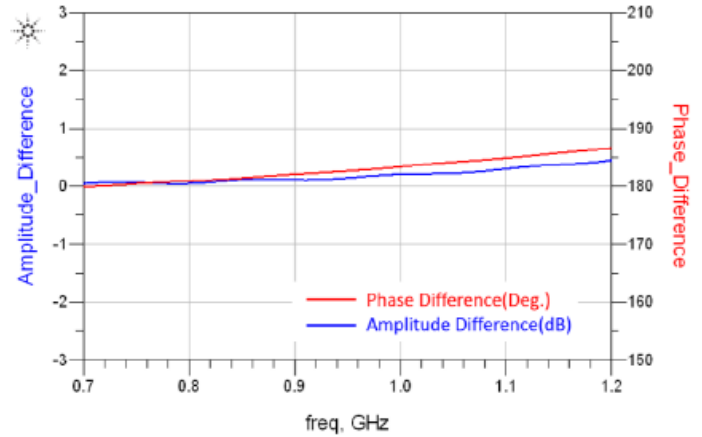
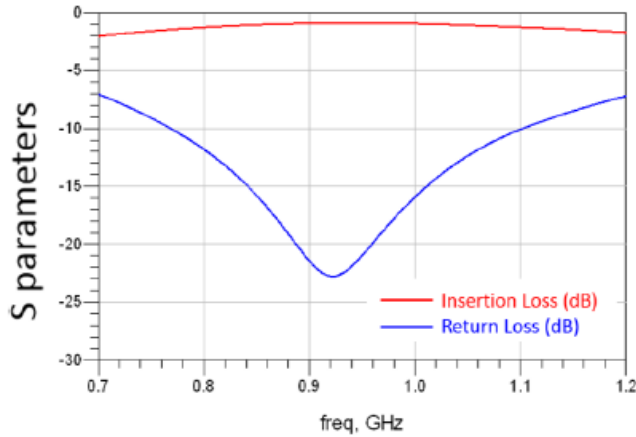


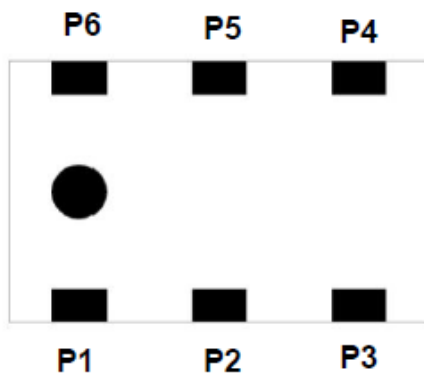
ELECTRICAL SPECIFICATION

PARAMETERS	SPECIFICATIONS	UNIT
Frequency Range	880.00 to 960.00	MHz
Insertion Loss, max	1.3	dB
Unbalance Impedance	50	Ω
Balance Impedance	50	Ω
Phase Difference	$180^\circ \pm 10^\circ$	
VSWR, max	2.0	
Amplitude Difference, max	1.0	dB
Operating Temperature Range	-40 ~ +85	$^\circ\text{C}$

TYPICAL ELECTRIC CHART



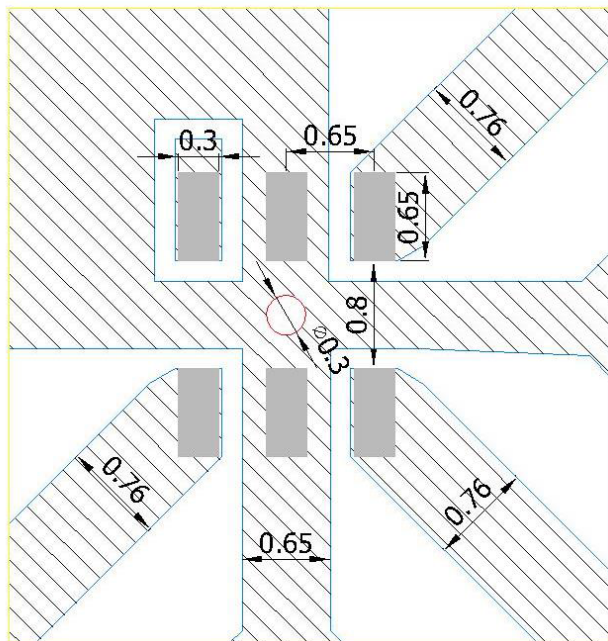
MECHANICAL SPECIFICATION



PIN	Connection	PIN	Connection
P1	Unbalance Port	P4	Balance Port
P2	GND or DC Feed	P5	GND
P3	Balance Port	P6	NC

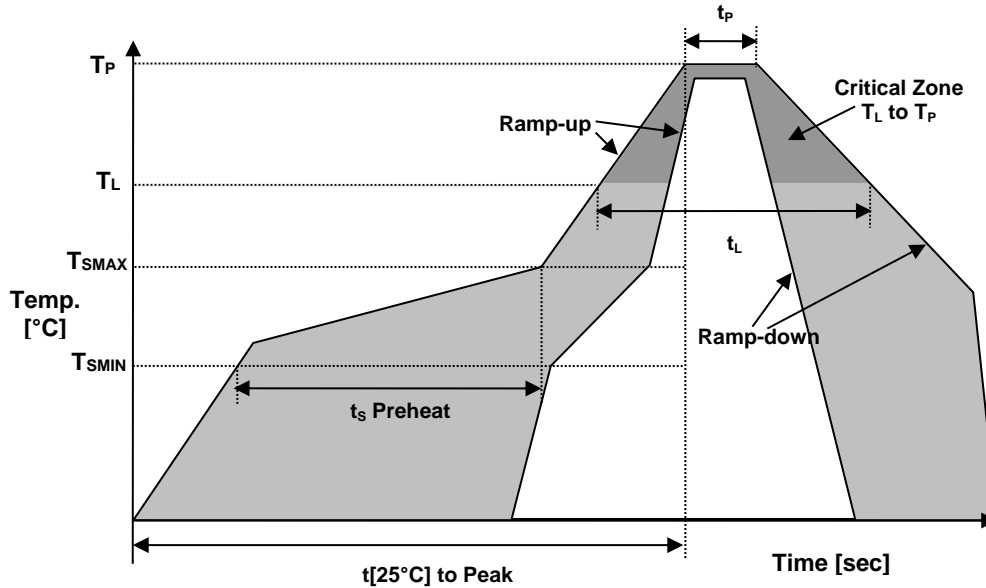
	Symbol	Dimension (mm)
<p>Top view Bottom view Side view</p>	L	2.00 ± 0.15
	W	1.25 ± 0.15
	T	0.90 ± 0.15
	A	0.20 ± 0.15
	B	0.30 ± 0.15
	C	0.35 ± 0.15
	D	0.65 ± 0.15
	E	0.20 ± 0.15

SOLDER PATTERN



- LAND
- Solder resist
- No pattern Solder resist

REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	T_{SMIN}	150°C
Temperature Max Preheat	T_{SMAX}	200°C
Time (T_{SMIN} to T_{SMAX})	t_s	60-180 sec.
Temperature	T_L	217°C
Peak Temperature	T_P	260°C
Ramp-up rate	R_{UP}	3°C/sec max.
Ramp-down rate	R_{DOWN}	6°C/sec max.
Time within 5°C of Peak Temperature	t_p	10 sec.
Time $t[25°C]$ to Peak Temperature	$t[25°C]$ to Peak	480 sec.
Time	t_L	60-150 sec.

ENVIRONMENTAL

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
RoHS2	6/6 COMPLIANT & LEAD FREE
REACH-SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
TERMINATION FINISH	Sn



March, 2017