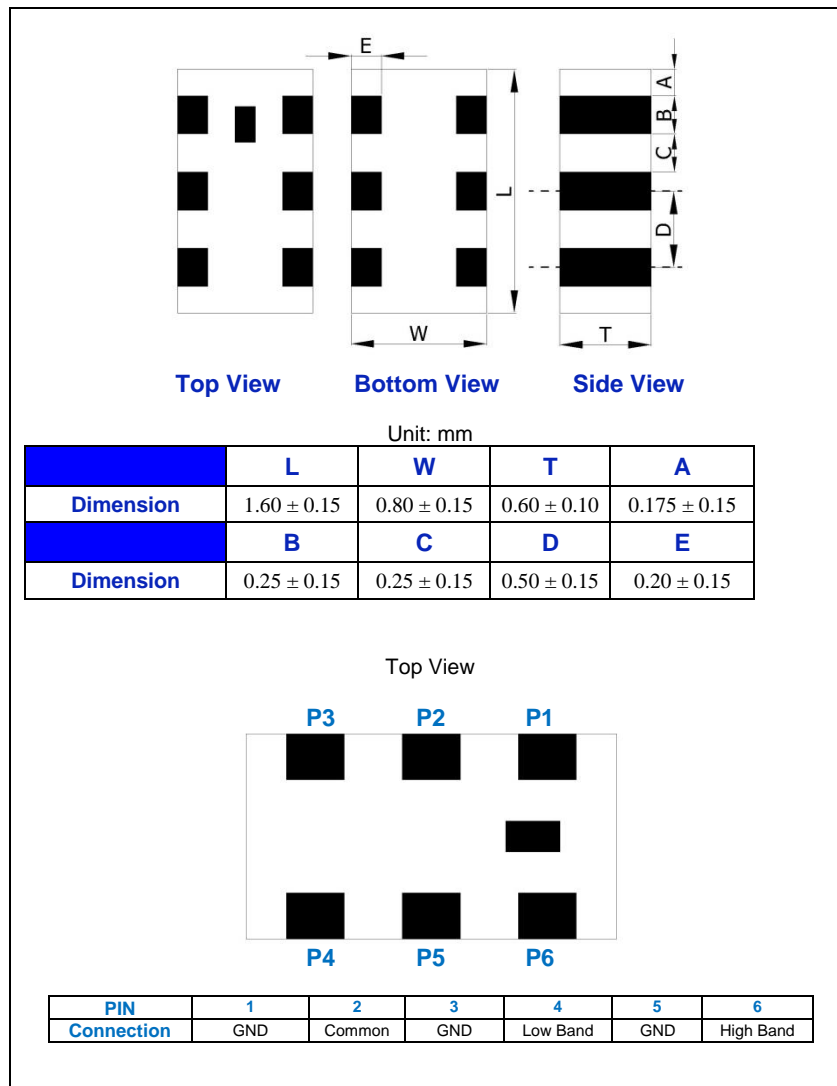
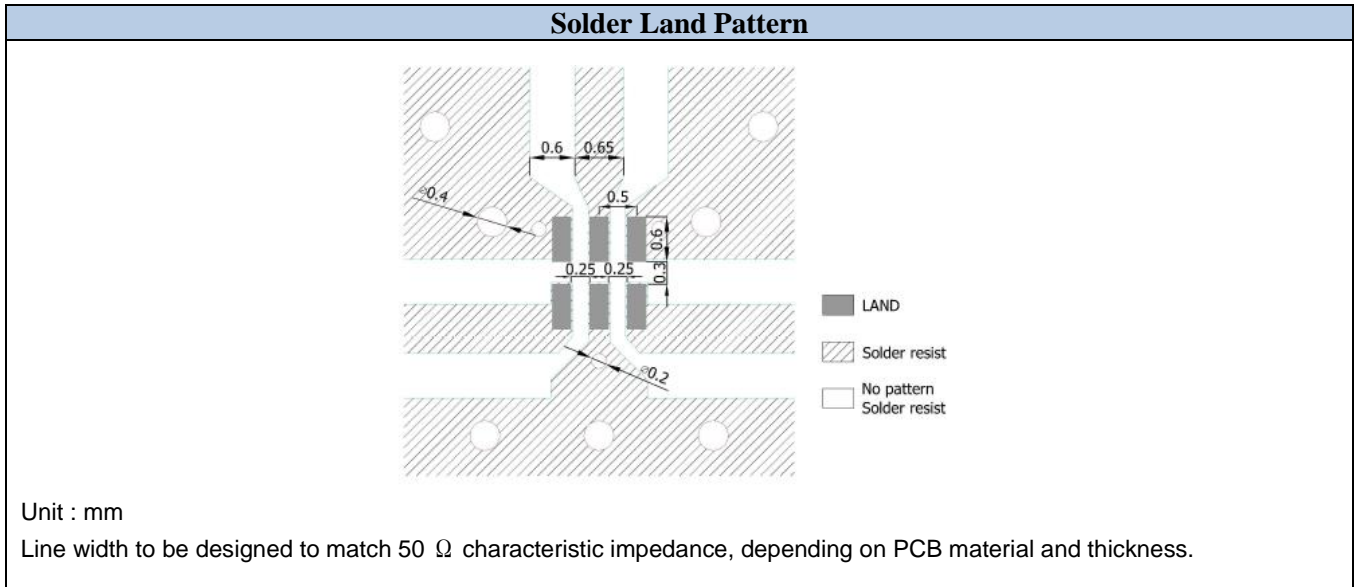


ELECTRICAL SPECIFICATION

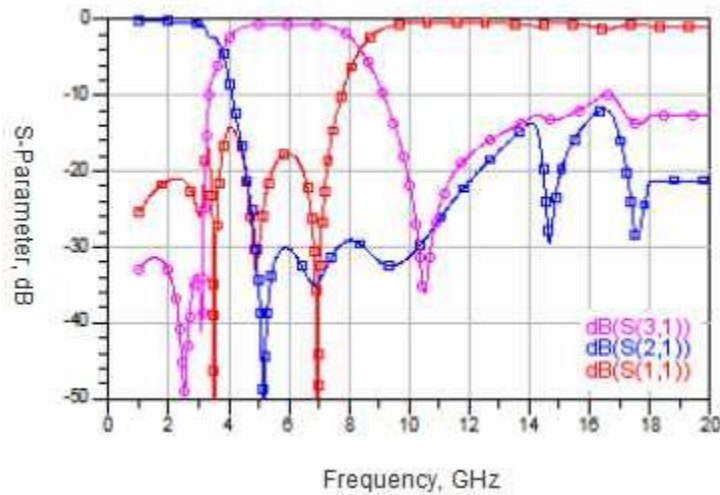
PARAMETERS	SPECIFICATIONS		UNIT
Frequency Range	2400 ~2500	4900 ~ 5950	MHz
VSWR, max	2.0	2.0	-
Insertion Loss, max	0.6	1.4	dB
Attenuation, min	20 @ 4800~5000 MHz	20 @ 30~2700 MHz	dB
	20 @ 7200~7500 MHz	10 @ 9800~11900 MHz	dB
Isolation (Low-High)	28 @ 30~2700		dB
	26 @ 4900~5950 MHz		dB

MECHANICAL SPECIFICATION

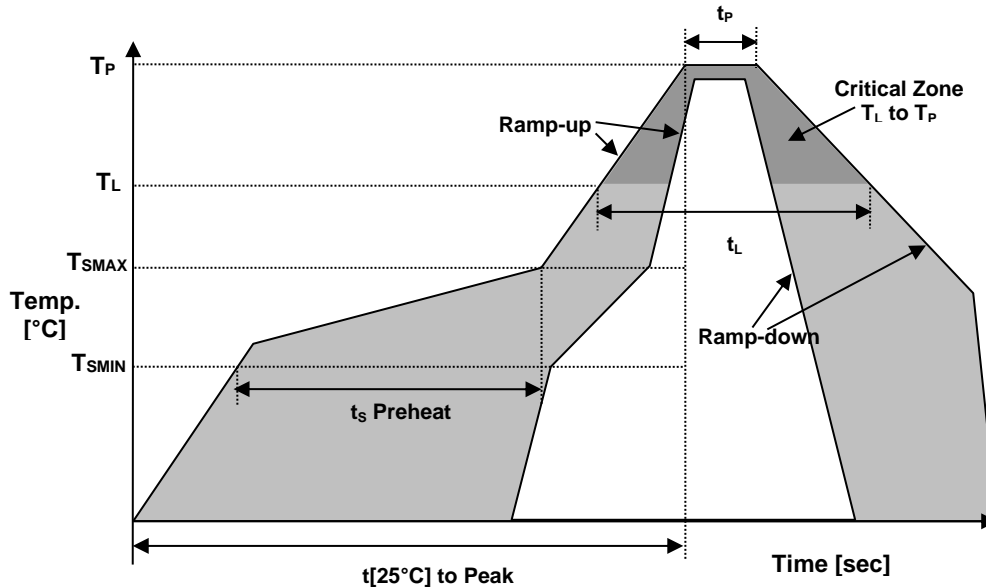




■ FREQUENCY SPECIFICATION S Parameter



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 $t[25^\circ\text{C}]$ to Peak Temperature	$t[25^\circ\text{C}]$ to Peak	10 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



APPROVAL

RALTRON	
DRAWN BY:	LP, July 20, 2016
APPROVED BY:	CP, July 20, 2016
REVISION:	A, Initial Release

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