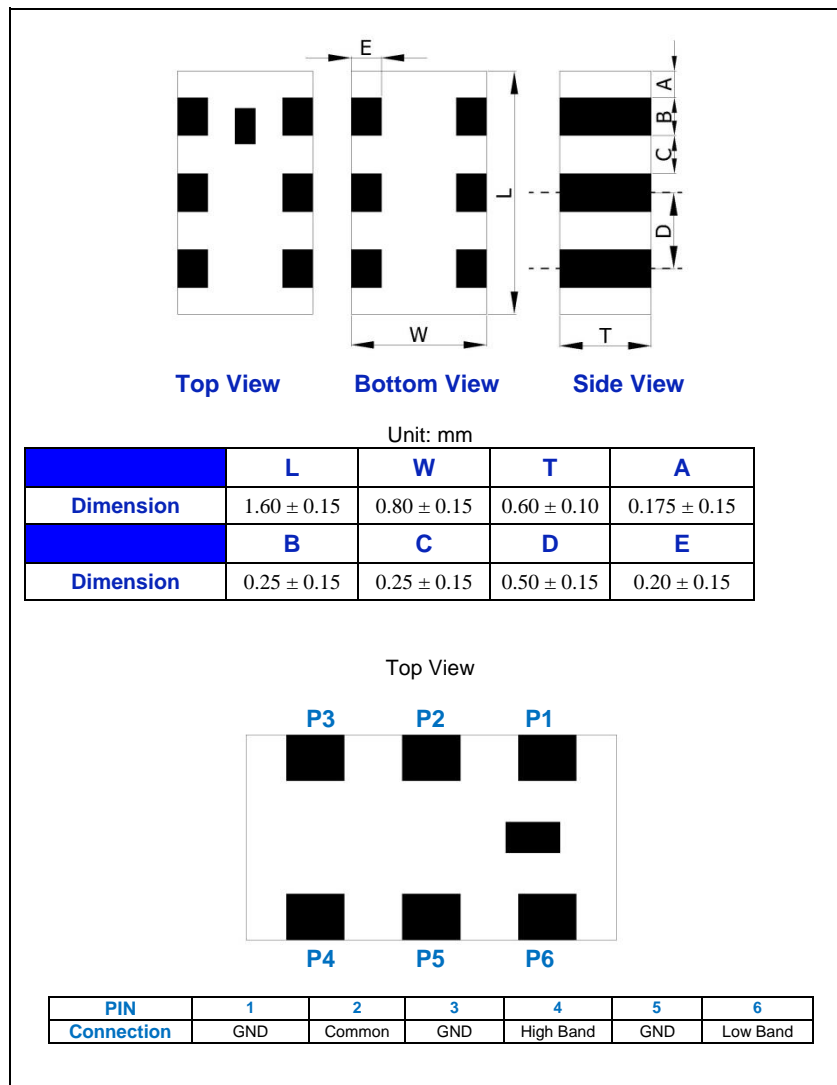
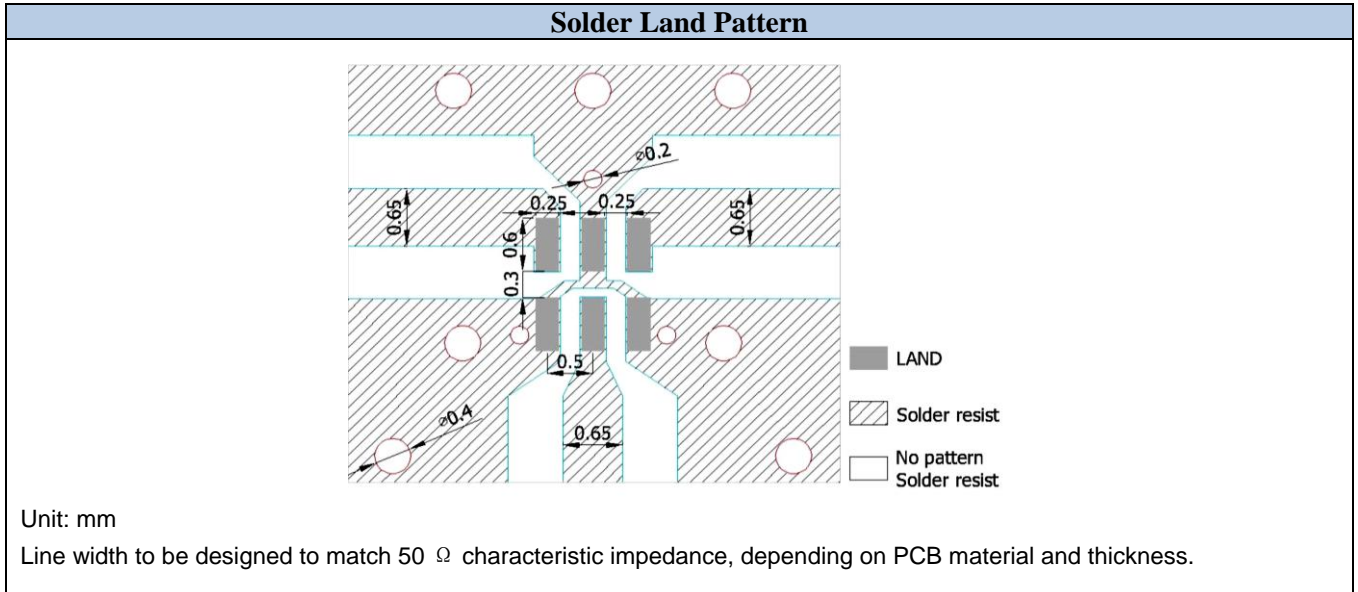


ELECTRICAL SPECIFICATION

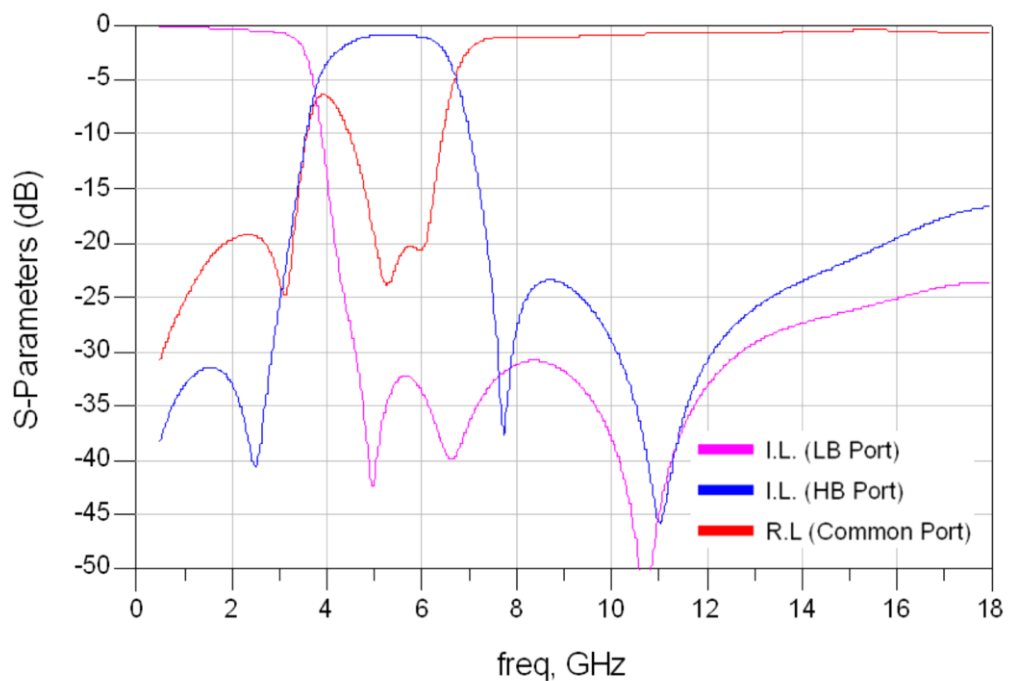
PARAMETERS	SPECIFICATIONS		UNIT
Frequency Range	2400 ~2496	5150 ~ 5950	MHz
Insertion Loss, max	0.5	1.0	dB
Attenuation, min	35 @ 4800~5000 MHz	30 @ 70~2000 MHz	dB
	15 @ 7200~7500 MHz	30 @ 2400~2690 MHz	dB
		12 @ 7250~7800 MHz	dB
		25 @ 10300~12000 MHz	dB
		10 @ 15000~18000 MHz	dB
VSWR, max	1.6		-
Impedance	50		Ω
Operating Temperature Range	-40 ~ +85		$^{\circ}\text{C}$
Moisture Sensitivity Levels	Level 1 (IPC/JEDEC J-STD-020)		-

MECHANICAL SPECIFICATION



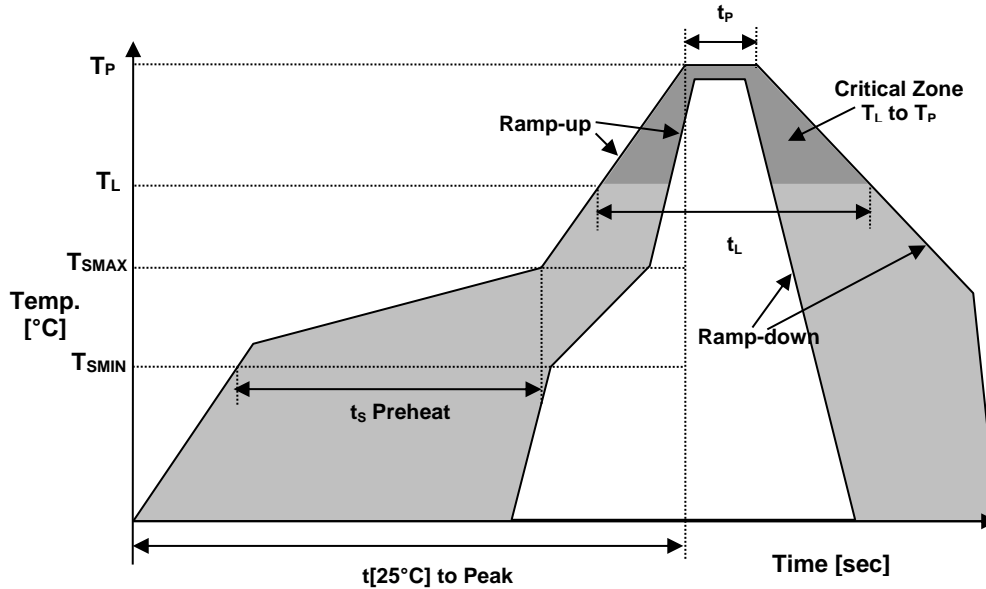


■ **FREQUENCY SPECIFICATION**
S Parameter



RCDI-W2A1-W5A17-1608-W-TR

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.

March, 2017

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