

#### ELECTRICAL SPECIFICATION

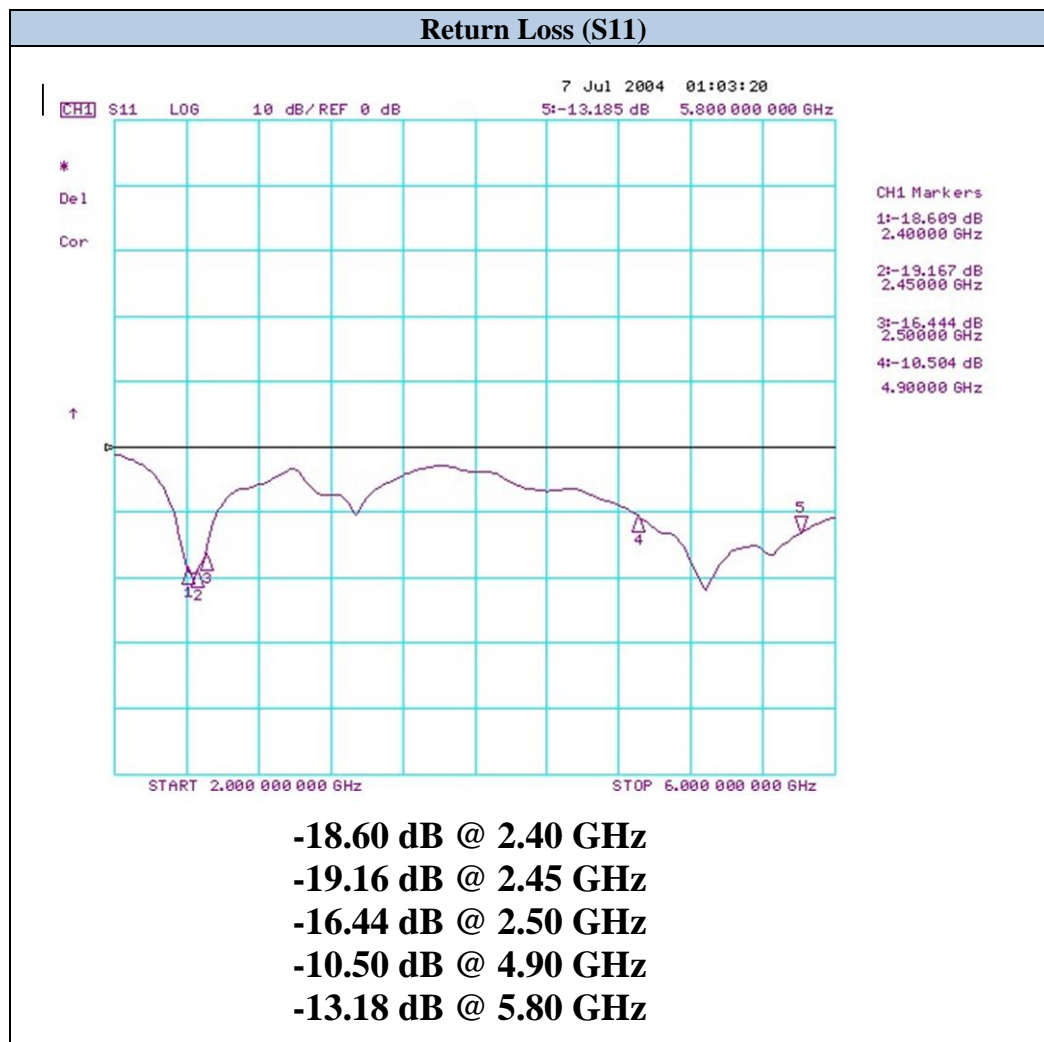
SPECIFICATIONS	SPECIFICATIONS	UNIT
Frequency Range	2.45 / 5.25 / 5.85	GHz
Bandwidth (typical)	100 / 200 / 100	MHz
Gain, Typical	4 / 4 / 4	dBi
VSWR (max)	2.0	--
Impedance	50	$\Omega$
Polarization	Linear	--

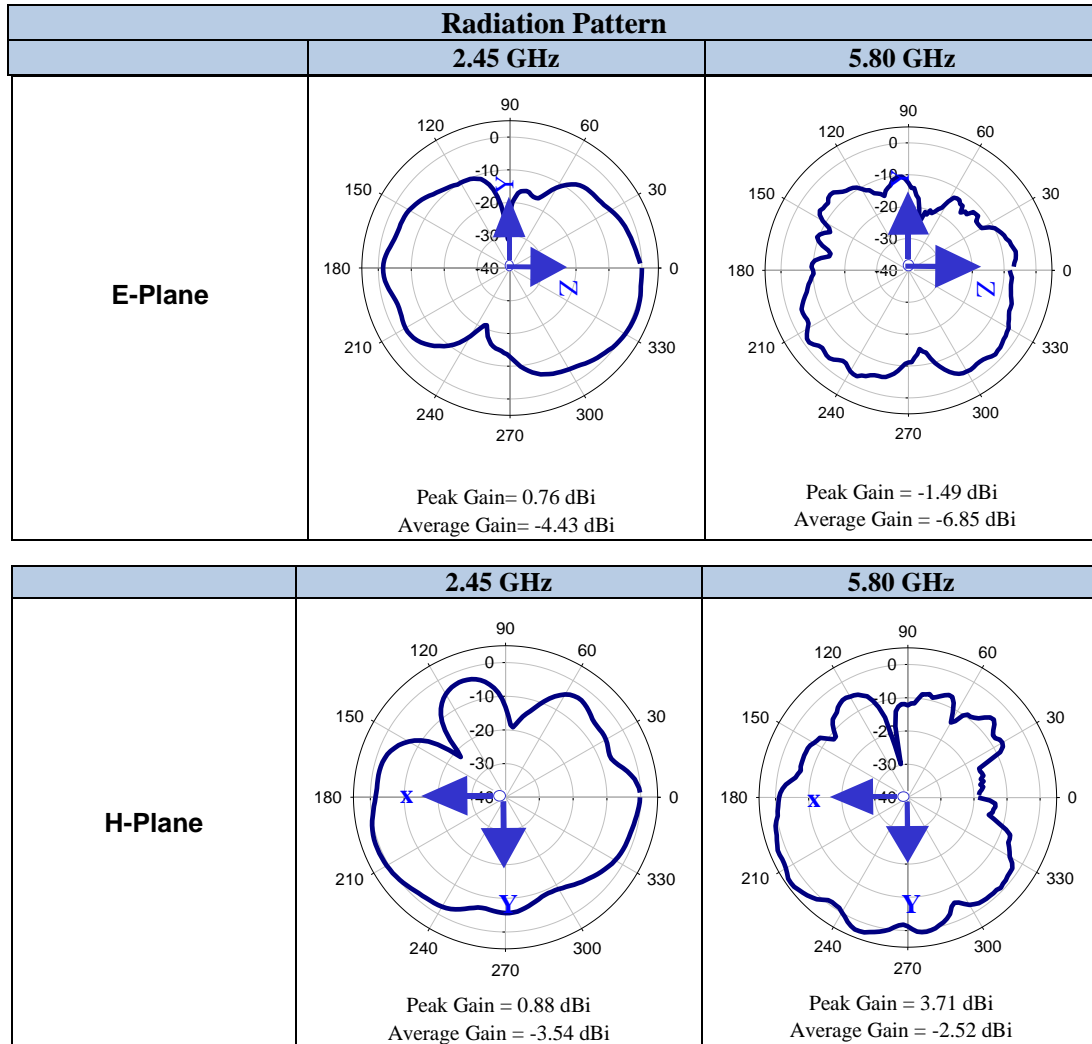
#### MECHANICAL SPECIFICATION

Unit: mm

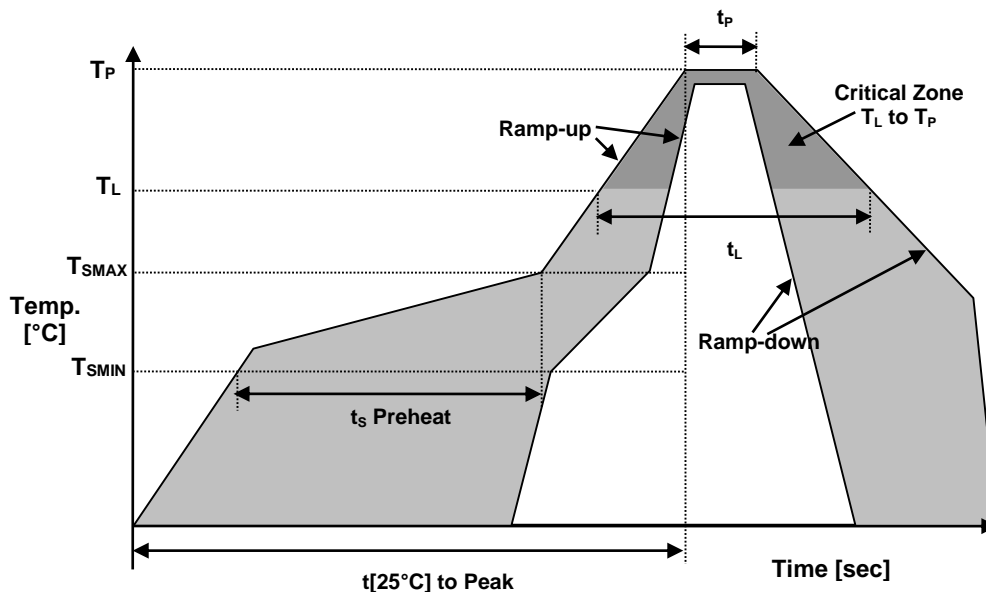
	L	W	T	A	B	C	D
<b>Dimension</b>	5.90 ± 0.30	5.10 ± 0.30	1.10 ± 0.10	0.45 ± 0.20	1.00 ± 0.20	1.00 ± 0.20	2.00 ± 0.20

Pin	1	2	3	4	5	6
<b>Connection</b>	GND	RF Feed	GND	Solder	Solder	Solder





### 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	$T_P$	250°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	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	Au



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