



SAMPLE SPECIFICATION



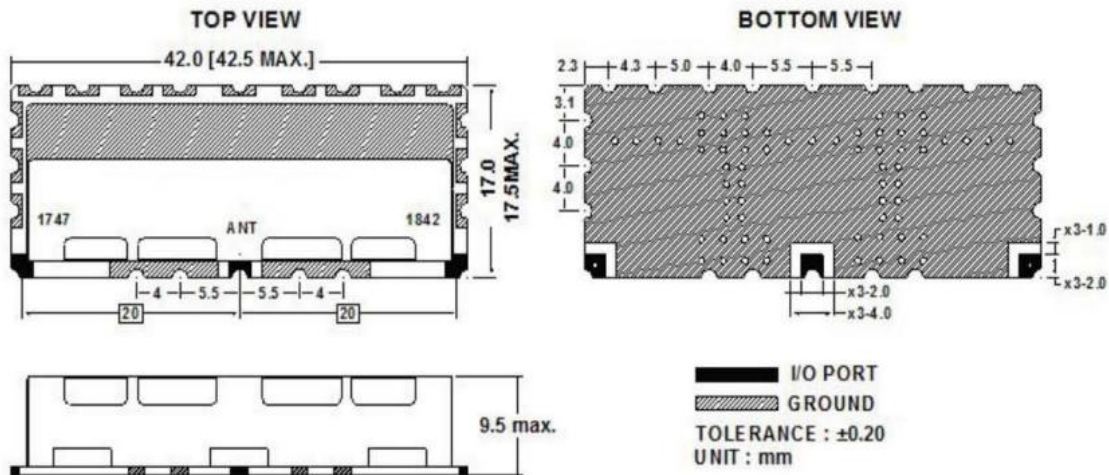
PART NUMBER

PTL1747F1842N10N75F

1.0 ELECTRICAL SPECIFICATION

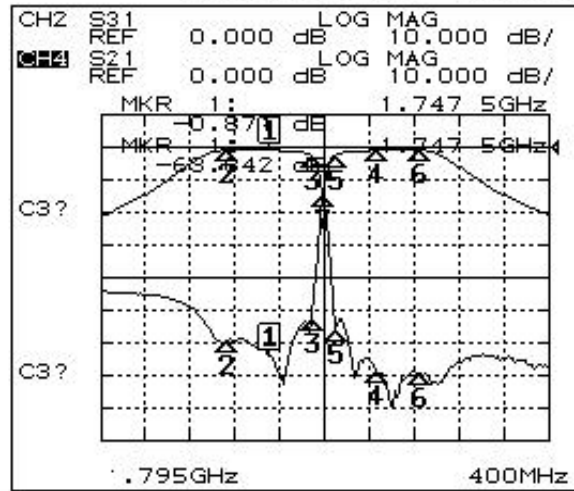
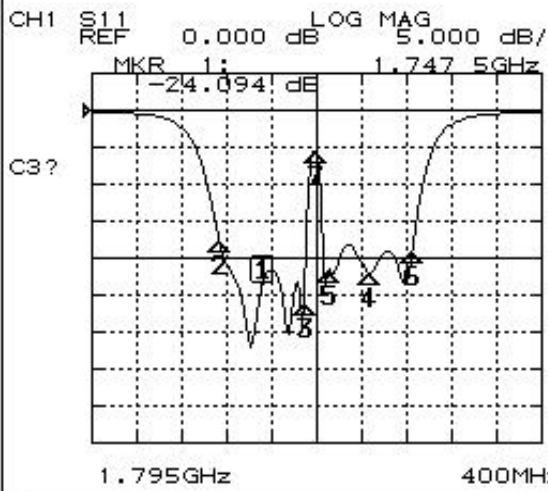
ITEMS	ANT >> Low	ANT >> High	UNIT
1.1 Center Frequency [fo]	1747.5	1842.5	MHz
1.2 Bandwidth [BW]	fo± 37.5 [1710.0 ~ 1785.0]	fo± 37.5 [1805.0 ~ 1880.0]	MHz
1.3 Insertion Loss in BW	3.0	3.0	dB max.
1.4 Ripple in BW	2.0	2.0	dB max.
1.5 Return Loss in BW	15.0	15.0	dB min.
1.6 V S W R in BW			max.
1.7 Attenuation	50.0 dB min. @ [1805.0 ~ 1880.0]	50.0 dB min. @ [1710.0 ~ 1785.0]	MHz
<input checked="" type="checkbox"/> Absolute Value	13.0 dB min. @ [1795.0 ~]	13.0 dB min. @ [1795.0 ~]	MHz
<input type="checkbox"/> Relative Value	dB min. @ [~]	dB min. @ [~]	MHz
1.8 Input Power	3.0 W max.		
1.9 In/Out Impedance	50 Ω		
1.10 Operation Temperature Range	-40°C to +85°C		

2.0 MECHANICAL SPECIFICATION



3.0 PLOT DATA

2013/05/27 Mon 9:32:23



CH2 MARKER LIST

CH2	MARKER LIST	Frequency (GHz)	Magnitude (dB)	Other
1	1.747	5.000	GHZ	-24.094
2	1.785	0.000	GHZ	-68.242
3	1.780	0.000	GHZ	-68.242
4	1.775	0.000	GHZ	-68.242
5	1.770	0.000	GHZ	-68.242
6	1.765	0.000	GHZ	-68.242

CH4 MARKER LIST

CH4	MARKER LIST	Frequency (GHz)	Magnitude (dB)	Other
1	1.747	5.000	GHZ	-0.871
2	1.785	0.000	GHZ	-68.242
3	1.780	0.000	GHZ	-68.242
4	1.775	0.000	GHZ	-68.242
5	1.770	0.000	GHZ	-68.242
6	1.765	0.000	GHZ	-68.242