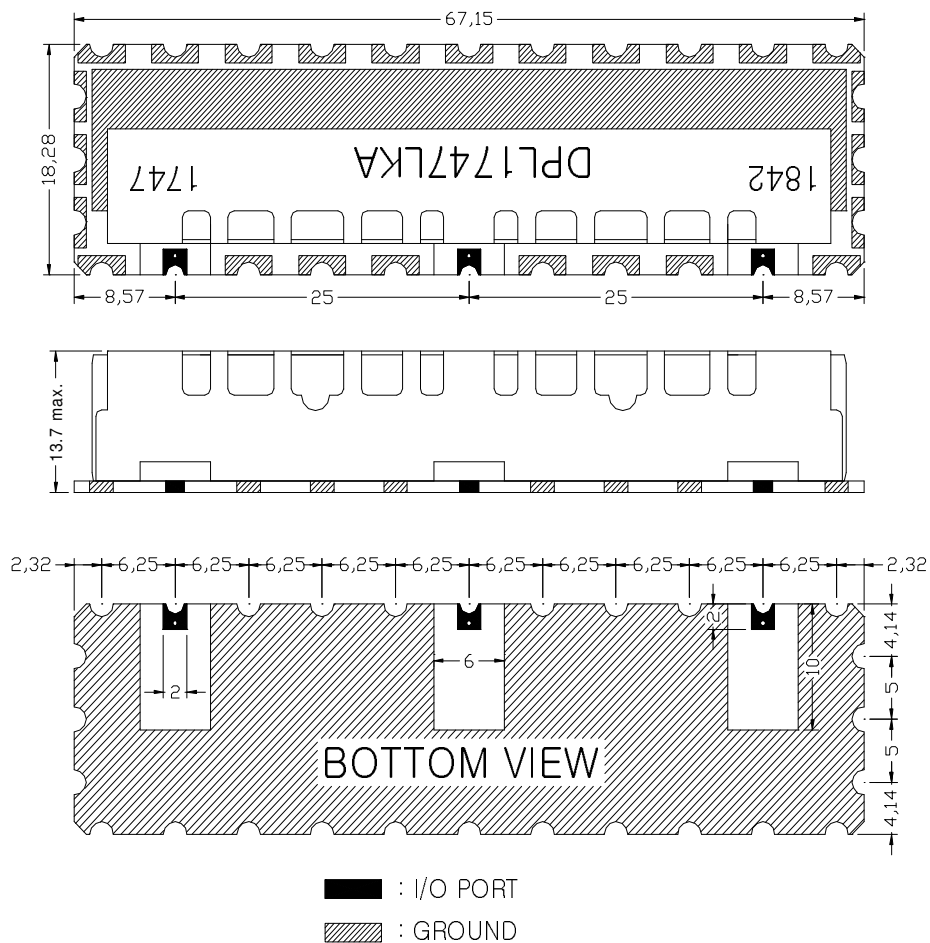


1. ELECTRICAL SPECIFICATION

ITEMS		TX		RX	
		Typ.	Spec. (@ 25℃)	Typ.	Spec. (@ 25℃)
Center frequency		1747.5 MHz		1842.5 MHz	
Bandwidth		1710 ~ 1785 MHz		1805 ~ 1880 MHz	
Insertion Loss		3.2 dB	3.5 dB Max.	3.2 dB	3.5 dB Max.
Ripple		2.3 dB	2.7 dB Max.	2.3 dB	2.7 dB Max.
Return Loss		17.0 dB	15.0 dB Min.	17.0 dB	15.0 dB Min.
Attenuation	@ 1710 ~ 1785 MHz	-	-	58.0 dB	55.0 dB Min.
	@ 1795 MHz	20.0 dB	17.0 dB Min.	20.0 dB	17.0 dB Min.
	@ 1805 ~ 1880 MHz	60.0 dB	55.0 dB Min.	-	-
Input Power		6 W Max.			
Operating Temperature		-40℃ ~ +85℃			
In/Out Impedance		50 ohm			

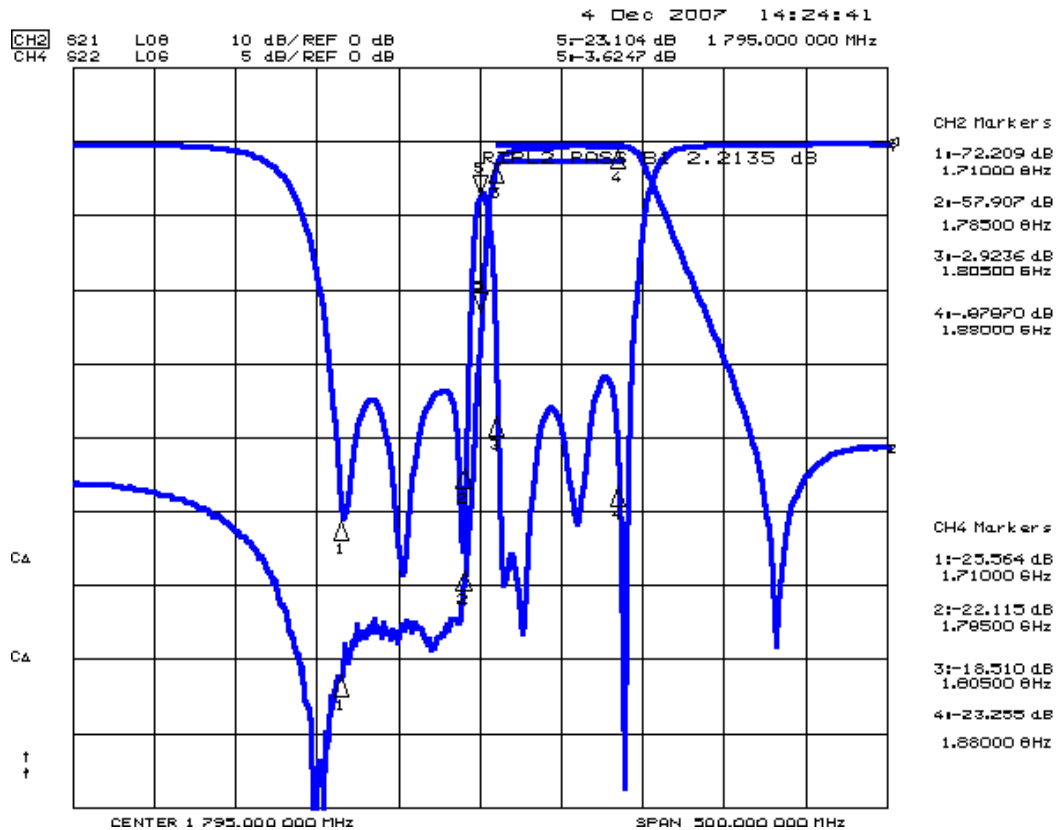
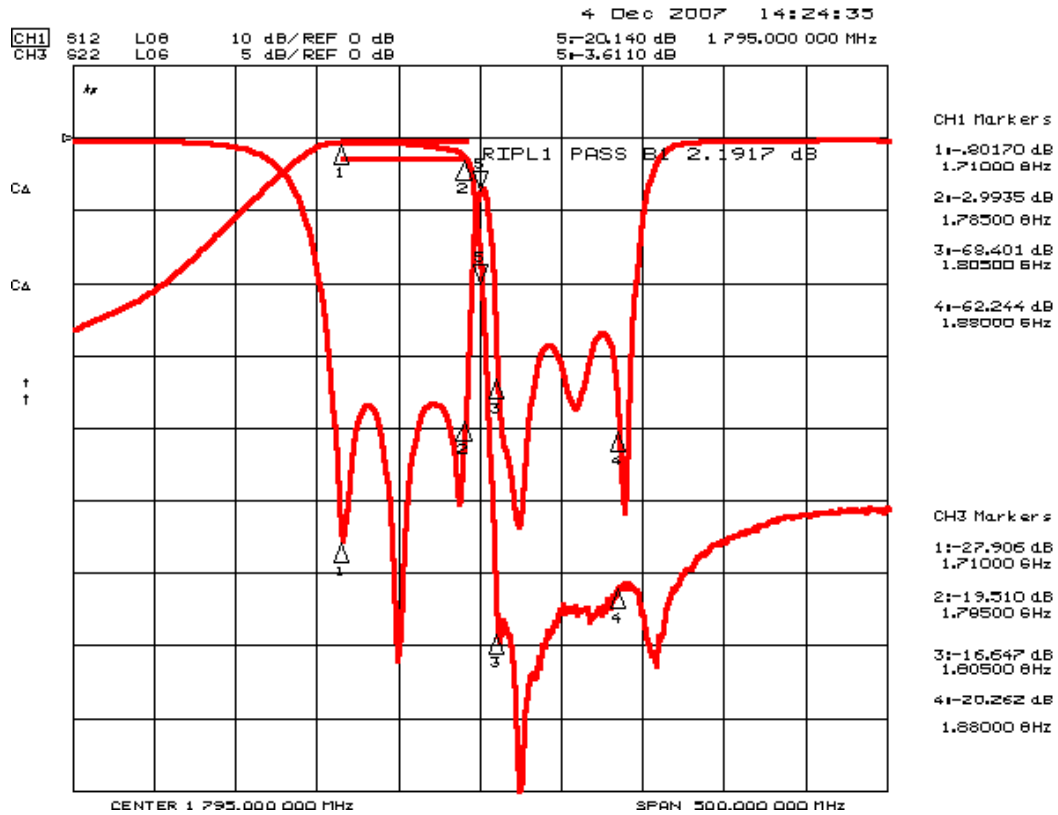
2. MECHANICAL SPECIFICATION



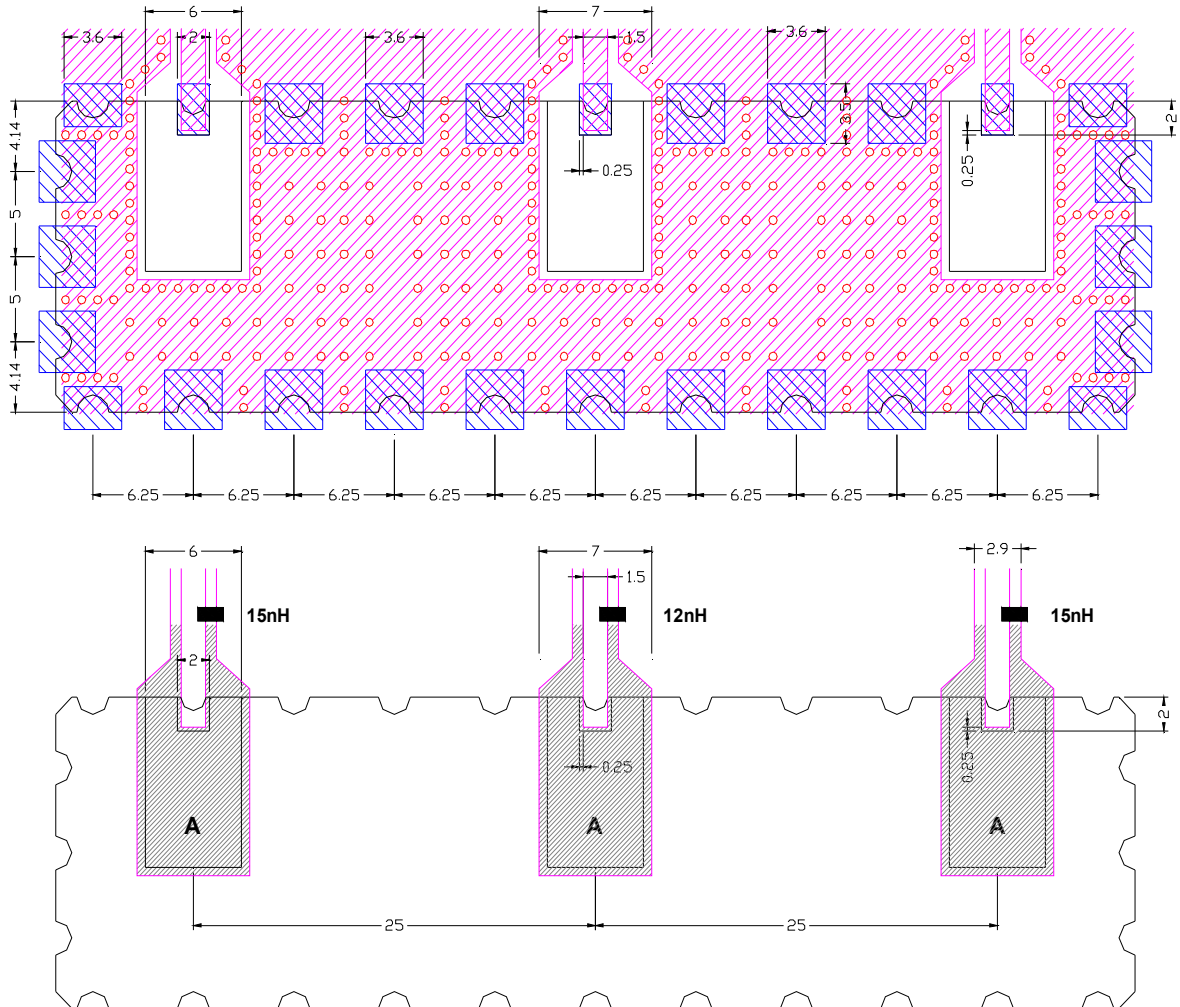
Unit : mm

Unless specified tolerance are ± 0.30

3. PLOT DATA



4. RECOMMEND LAND LAYOUT



- A** : CU ELIMINATED AREA
- : CU AREA
- : LAND(SOLDERING POINT)
- : DPX BODY LINE

**** FR4(ER 4.6)_Thickness : 1.0mm 50Ω Line****

**** Matching circuit 15nH(Tx, Rx) , 12nH(ANT)****