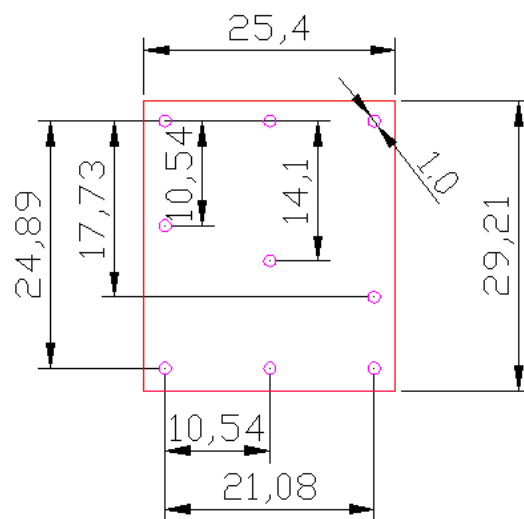
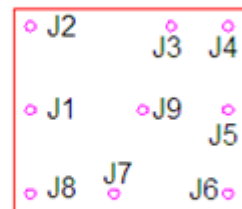
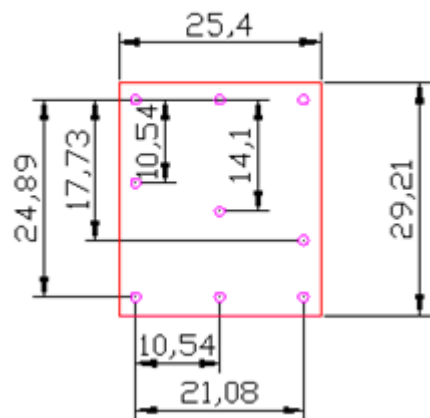
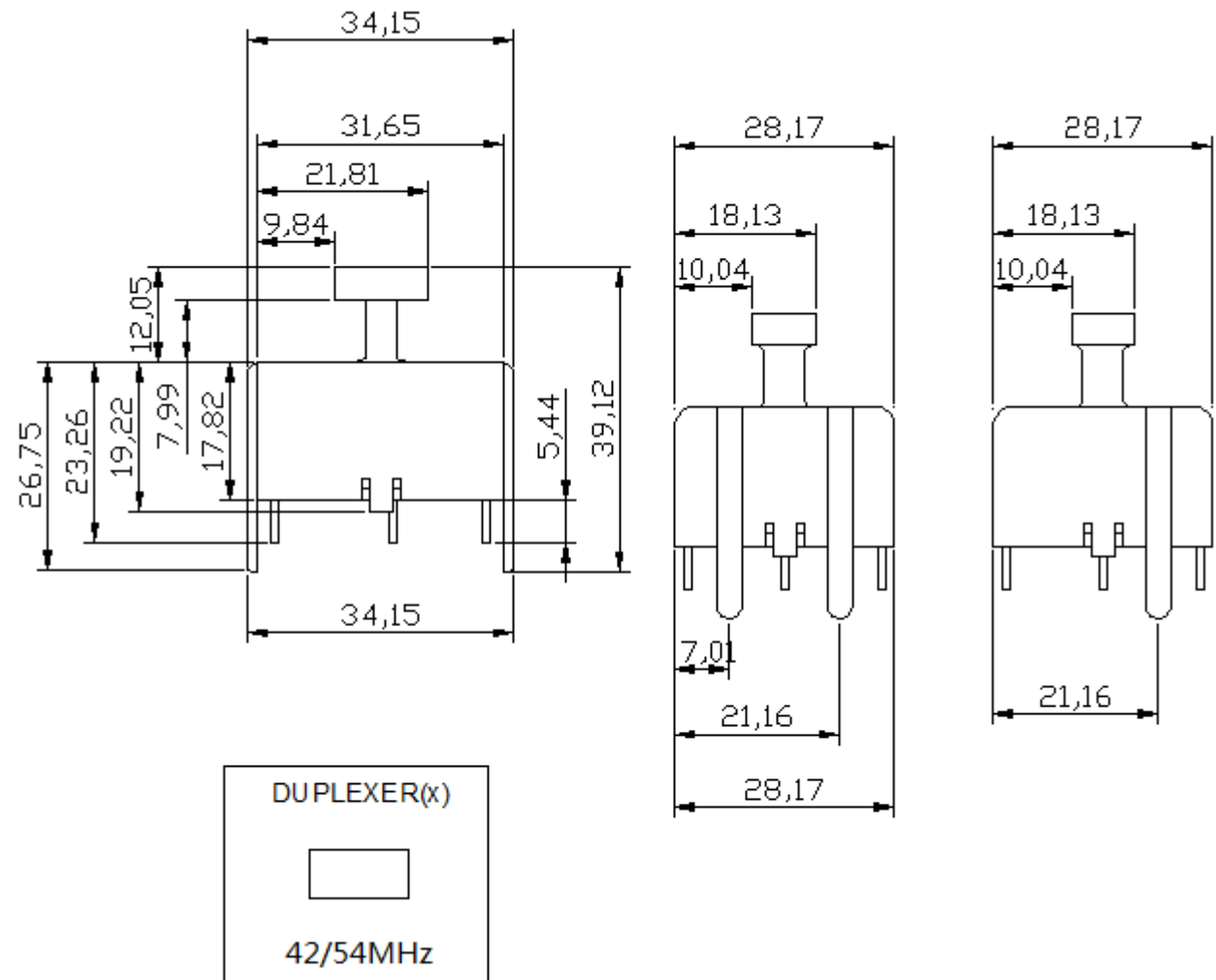


Outline drawing



Suggest pcb design



Tolerance +/-5% Unit mm

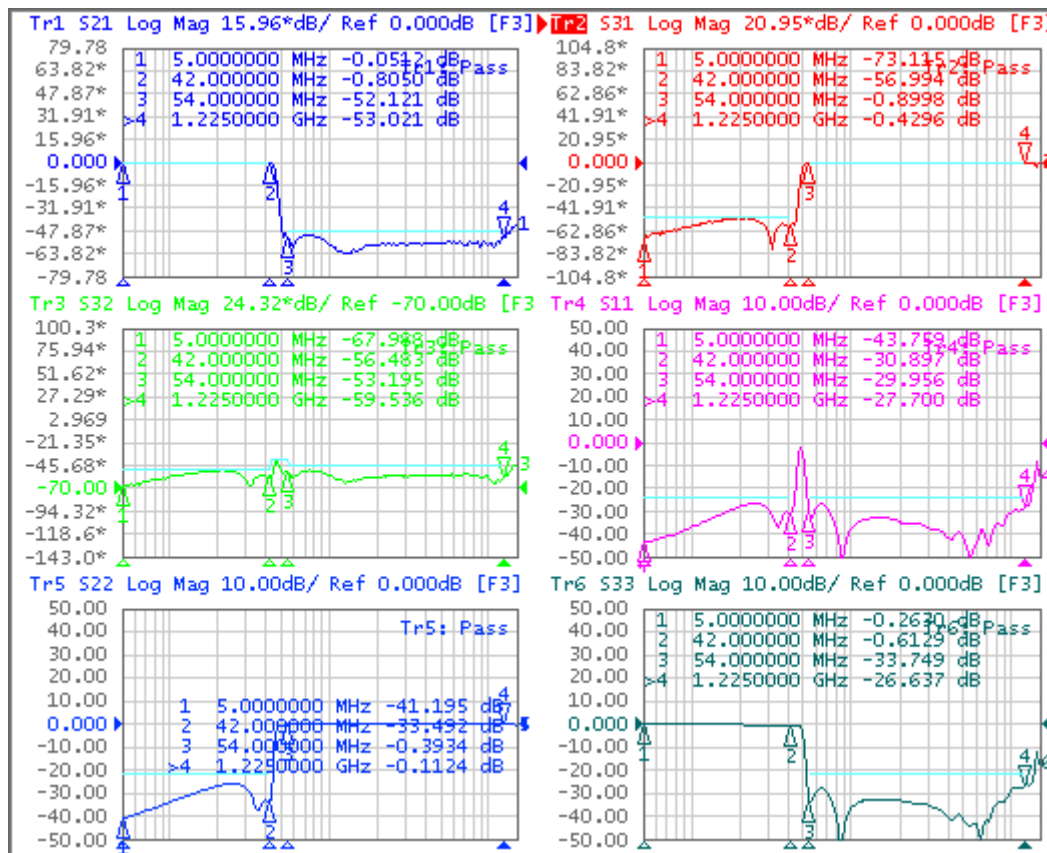
PIN CONFIGURATION

Diplexer	
Pin Number	Function
J1	RF Common Port Connection
J4	RF Low Port Connection relative to pin J1
J6	RF High Port Connection relative to pin J1
J2, J3, J5,J7, J8, J9,	Ground

Electrical Specifications: TA=25°C, Zo=75Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Common to Low Pass Port	5-42MHz	dB	---	0.5	1.0
Common to High Pass Port	54-1218MHz	dB	---	0.75	1.0
Insertion Loss Flatness	5-42MHz	dB	---	---	0.5
Isolation	5-42MHz	dB	45	50	---
	42-54MHz	dB	41	---	---
	54-1218MHz	dB	46	50	---
Return Loss Input	5-42MHz	dB	24	28	---
	54-1218MHz	dB	24	25	---
Return Loss Output	5-42MHz	dB	22	28	---
	54-1218MHz	dB	22	25	---
RF Power Rating (max)		250mw			
DC Current Rating (max)		30mA			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

PARAMETER

MIRROR



NON MIRROR

