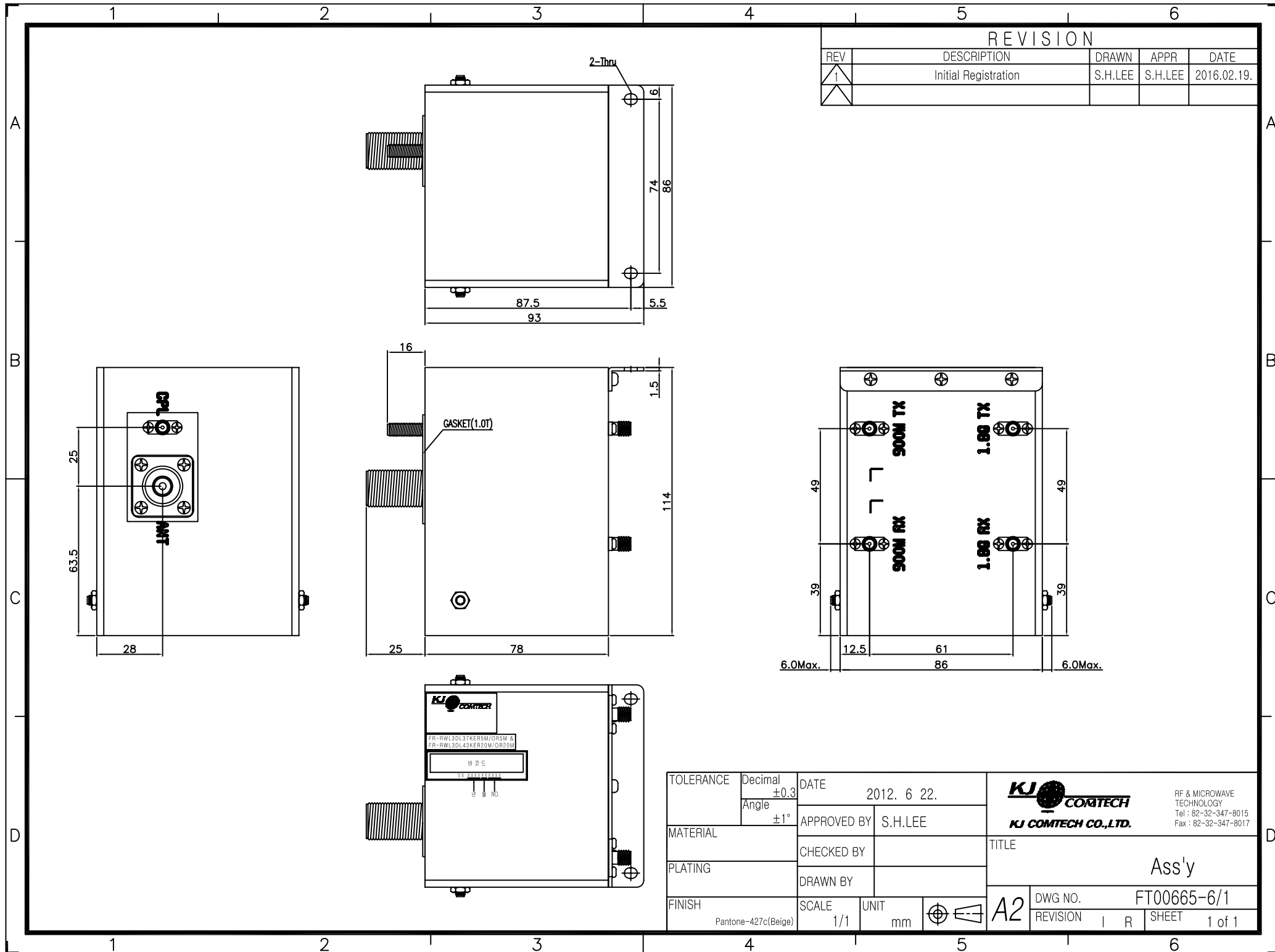




1. Electrical & Mechanical Specification

Electrical Specifications					
Connector		SMA Type (F), N Type (F)			
Frequency Range		RX: 905~915MHz (BW: 10MHz)	TX: 950~960MHz (BW: 10MHz)	RX: 1735~1755MHz (BW: 20MHz)	TX: 1830~1850MHz (BW: 20MHz)
Insertion Loss		≤1.5dB			
VSWR		≤1.25 : 1			
Ripple		≤0.8dB			
Attenuation	Fc±10MHz	≥7dB	≥7dB		
	Fc±15MHz	≥15dB	≥15dB	≥7dB	≥7dB
	Fc±20MHz			≥15dB	≥15dB
	884~894MHz	≥27dB			
	2 nd Harmonic	≥80dB			
Isolation		≥100dB			
CPL			40(±1.5dB)		40 (±1.5dB)
Power Handling		1W	16W	50W	30W
Impedance		50Ω			
Mechanical Specifications					
Dimensions (mm)		114.0 x 78.0 x 98.0			
Weight		≤2Kg			
Operating Temperature		-40~+80 °C			
Relative Humidity		5~95%			
Connector Finish		Tri-plate			
Housing Finish		Beige Coating			