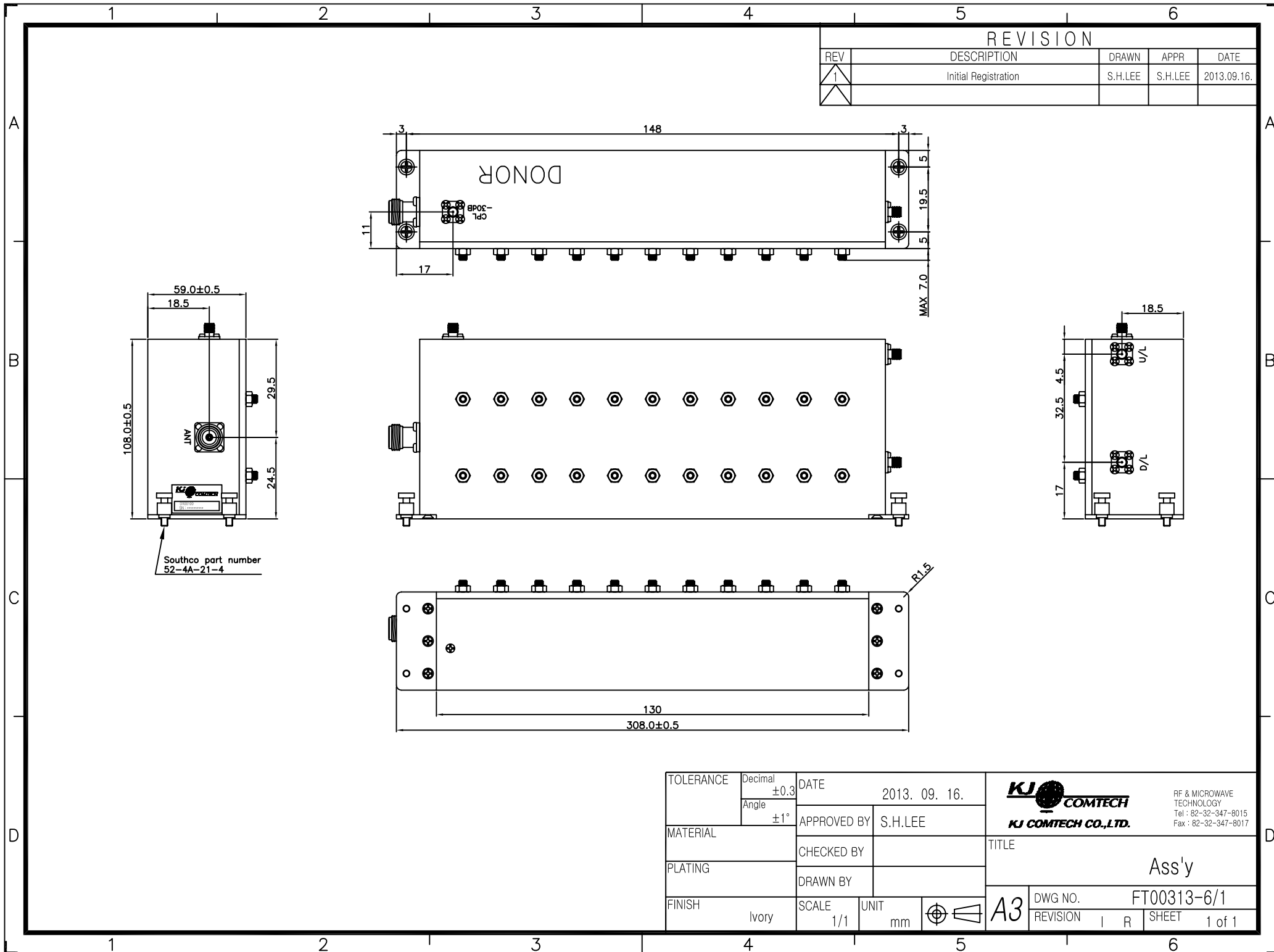




1. Electrical & Mechanical Specification

Electrical Specifications		
Connector	SMA Type (F), N Type (F)	
Frequency Range	Down Link 463.975~466.475MHz (BW: 2.5MHz)	Up Link 453.975~456.475MHz (BW: 2.5MHz)
Insertion Loss	≤2dB	
Ripple	≤0.5dB	
Return Loss	≥18dB	
Delay Deviation	≤45ns	≤45ns
Coupler Coupling (Output Coupling)	30±1dB (p-p)	
Attenuation	≥10dB @461.475MHz/468.975MHz ≥10dB @9KHz~1.0GHz ≥40dB @1GHz~12.75GHz	≥10dB @451.475MHz/458.975MHz ≥60dB @9KHz~1GHz
Isolation	≥110dB	≥110dB
2nd Harmonics	≥80dB	≥80dB
Power Handling	10W	
Impedance	50Ω	
Mechanical Specifications		
Dimensions (mm)	308.0 x 108.0 x 59.0	
Weight	≤3.6Kg	
Operating Temperature	-40~+70 °C	
Connector Finish	Tri-plate	
Housing Finish	Ivory Coating	