



Document	Document Number	Revision	Date
Spec Sheet	FLT003051A01	A	19-Nov-2020

Triplexer

P/N: FLT003051A01

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Revision	Description	Date
A	Initial Release	19-Nov-2020



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1. Electrical Specifications

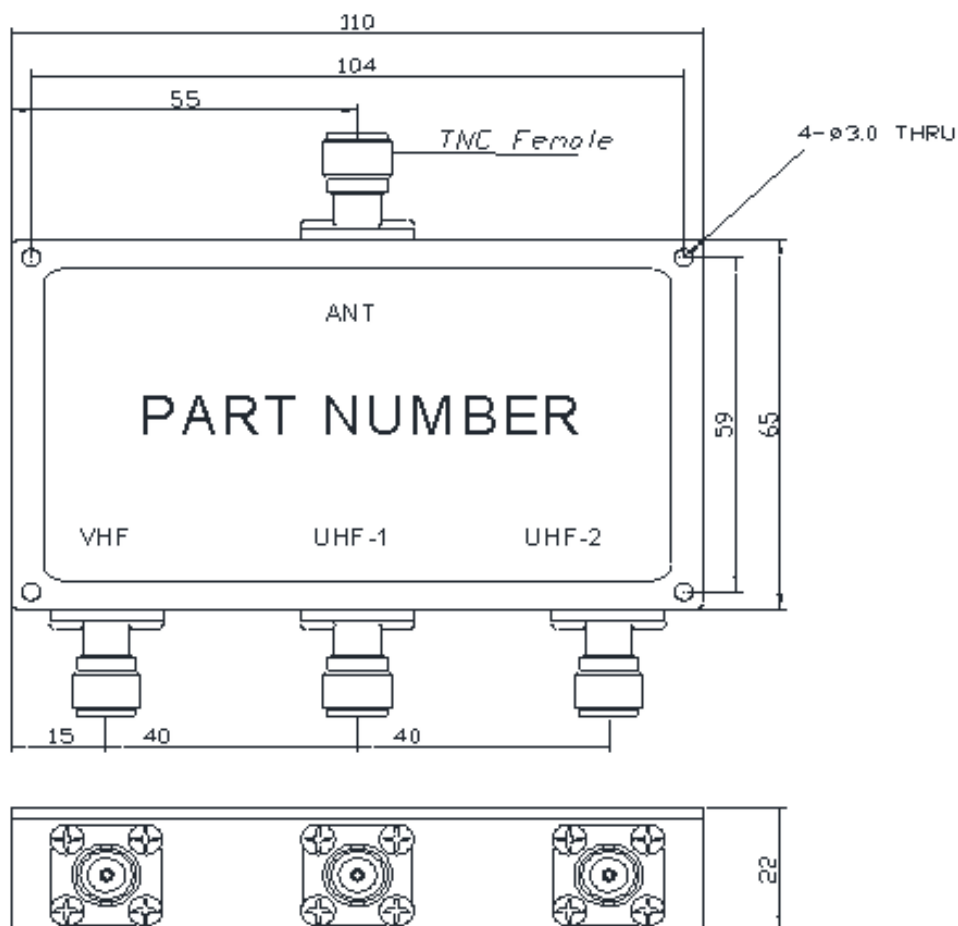
Parameter	Specification		
Pass Band	VHF	UHF-I	UHF-II
	30~ 108MHz	225~ 370MHz	410~ 512MHz
Insertion Loss	0.6dB max.	1.3dB max.	1.3dB max.
Return Loss	14 dB min	14 dB min	14 dB min
Isolation	60 dB @ UHF-I / UHF-II	60 dB @ VHF / UHF-II	60 dB @ VHF / UHF-I
Temperature	-30°C - +70°C		
Input Output Impedance	50Ω		
Power Handling	10W CW		

2. Environmental Specifications

Parameter	Specification
Vibration	Per Mil-STD-810G, Method 514.6, Procedure I, Category 24
Shock	Per Mil-STD-810G, Method 516.6, Procedure I
Drop	Per Mil-STD-810G, Method 516.6, Procedure IV

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3. Mechanical Specifications



Parameter	Specification
Dimensions	110.0 x 65.0 x 22.0 mm
RF Connector	TNC - Female
Weight	< 400grams
Plating	CHEMICAL CONVERSION PER MIL-DTL-5541 TYPE II CLASS 3- CLEAR, ROHS COMPLIANT
Finish	PRIMER: HIGH-SOLID EPOXY POLYAMIDE PER MIL-PRF-22750 COLOR No.24091 (GREY) PER FED- STD-595, ROHS COMPLIANT. TOP COAT: APLYPATIC POLYURETHANE PER MIL-C-83826 COLOR No.37038 (BLACK) PER FED-STD-595, 40-60 MICRONS,ROHS COMPLIANT