

Diplexer U5929



Specifications are subject to change without notice

Specifications (+25°C)

Parameter	Transmit	Receive
Passband	292.2 to 318 MHz	243.0 to 270.5 MHz
Insertion Loss	0.85 dB maximum	1.0 dB maximum
VSWR	1.2:1 maximum	1.5:1 maximum
Power handling	400W CW & 800W PEP	100 mW CW
Impedance	50 Ohms	50 Ohms
Interchannel Isolation	90 dB at Rx Frequencies	100 dB at Tx Frequencies

Receive Rejection Parameters

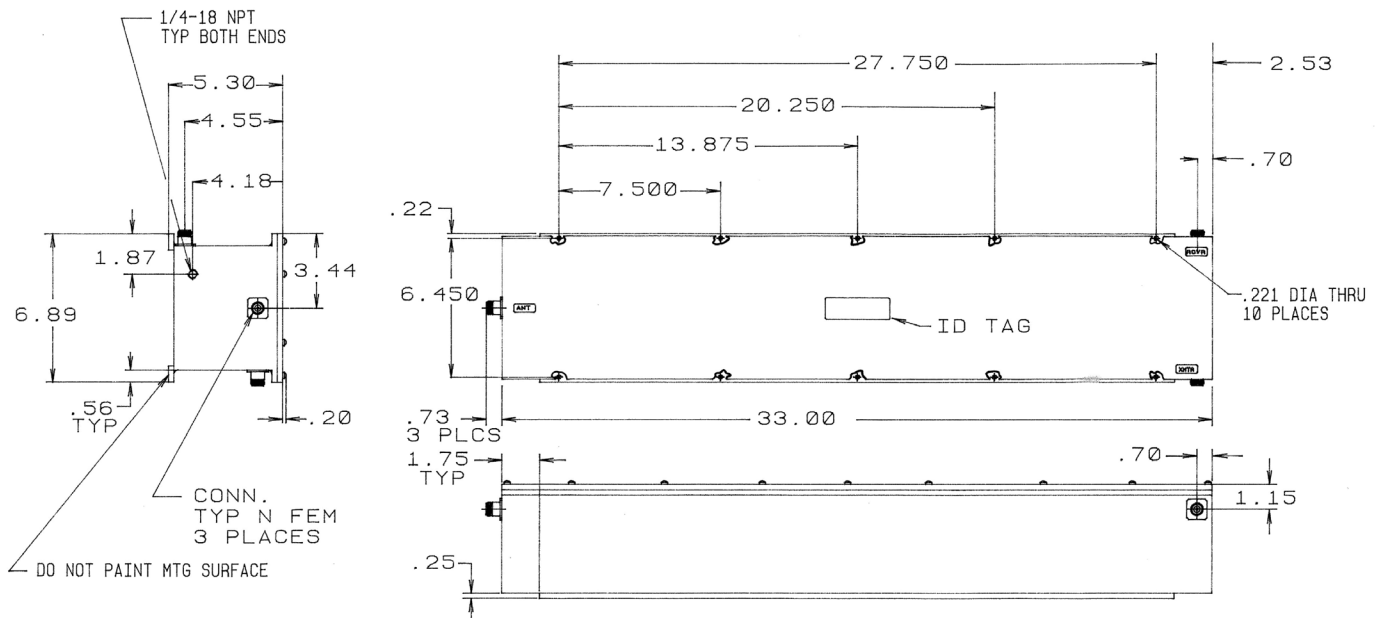
FREQUENCY	REJECTION LEVEL
DC to 205 MHz	60 dB minimum
205 to 225 MHz	95 dB minimum
225 to 243.0 MHz	As high as practical consistent with defined insertion loss levels
270.5 to 285 MHz	As high as practical consistent with defined insertion loss levels
285 to 292.2 MHz	60 dB minimum
292.2 to 318 MHz	100 dB minimum
318 MHz to 1.0 GHz	60 dB minimum
1.0 to 2.0 GHz	40 dB minimum
2.0 to 3.0 GHz	20 dB minimum
3.0 to 10 GHz	40 dB minimum

Transmit Rejection Parameters

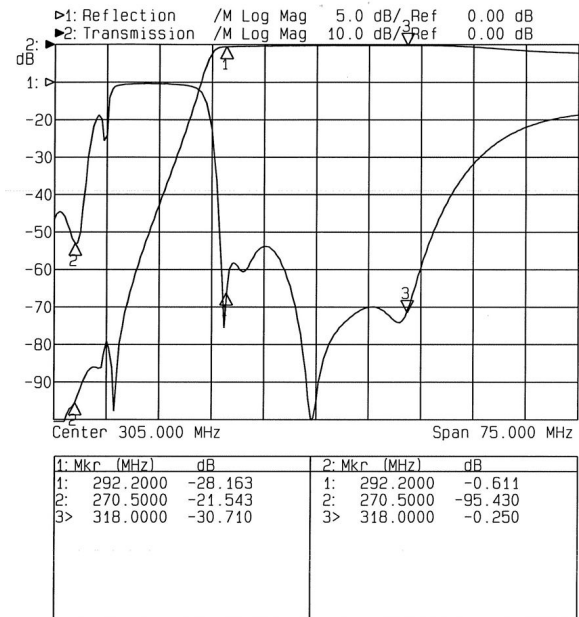
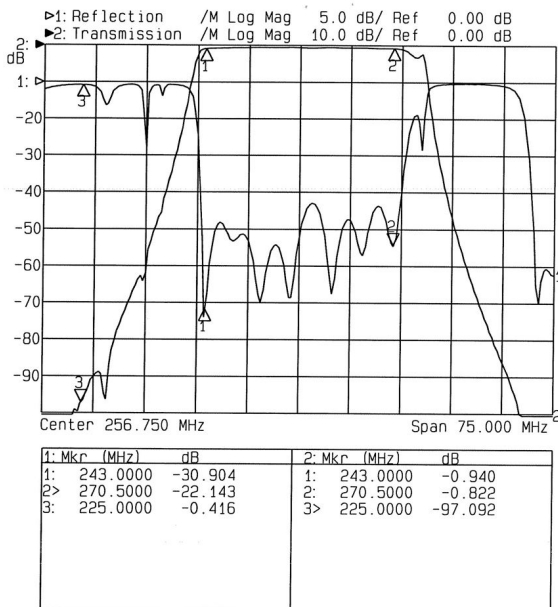
876.6 TO 954 MHz	
(3rd harmonic of Tx)	30 dB minimum
243.0 to 270.5 MHz	90 dB minimum



Outline Drawing



All dimensions are in inches



Need More Help? Need a Variant of This Product?

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