



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**806/847 MHz**  
**Connectorized Ceramic Duplexer**  
**Part Number: AM806-847D1073-C**



Item	RX	TX
Center Frequency	806 MHz (CH1)	847 MHz (CH2)
Bandwidth:	Fo +/- 15 MHz	Fo +/- 15 MHz
Insertion Loss	4.5 dB max.	4.5 dB max
Ripple in BW	3.0 dB max	3.0 dB max
VSWR	1.5:1 Max	1.5:1 Max
Attenuation	35dB min @ 601.4 – 631.4MHz 50dB min @ 832 – 852 MHz 45dB min @ 411.8 – 441.8MHz 45dB min @ 967.8 – 977.8MHz 45dB min @ 235 – 265MHz 50dB min @ 1202.8 – 1262.8 MHz	50 dB min. @ 791 – 821 MHz 30 dB min. @ 678 - 709MHz 50 dB min. @ 524.8 – 554.8MHz 50 dB min. @ 1664 - 1724 MHz 40 dB min. @ 2496 - 2586 MHz
In/out Impedance	50 Ω	50 Ω
Input Power(max)	5W	5W

<u>Mechanical</u>	
Connector Type:	SMA (F)
Dimensions:	2.5 x 1.57 x 0.79 in

<u>Environmental</u>	
Operating Temperature:	-25 to +85 deg.C
Storage Temperature:	-50 to +90 deg.C

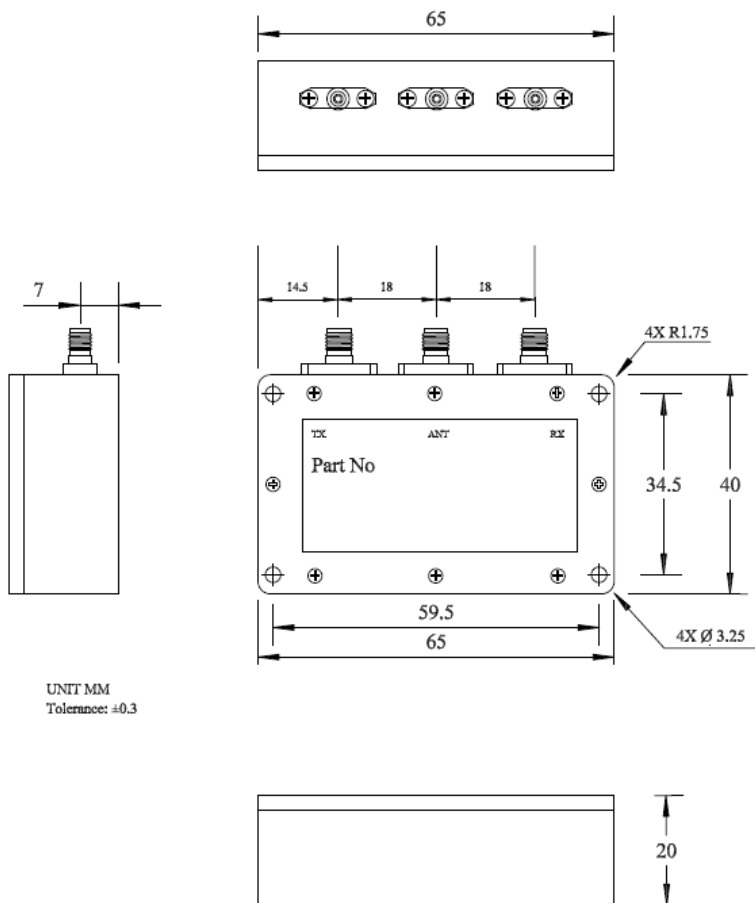


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**707 / 737 MHz**  
**Connectorized Ceramic Duplexer**  
**Part Number: AM707-737D1038-C**



**Outline Drawing:**



UNIT MM  
Tolerance: ±0.3