



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

## 240-270 MHz / 290-320 MHz Cavity Diplexer

**Part Number: AE255-305DB5289**



Characteristics	Band 1	Band 2
Passband:	240– 270 MHz	290– 320 MHz
Bandwidth:	30 MHz	30 MHz
Passband Return Loss:	17 dB	17 dB
Passband Insertion Loss:	1 dB	1 dB
Passband Ripple:	± 0.5 dB	± 0.5 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	50 dB	50 dB
Power Handling:	100 Watts	100 Watts

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	8.75 x 5.6 x 2.475 Inches

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

### Outline Drawing:

