



Microwave Filter Company



WiMax Diplexer

Model 15863

This product was designed for use in WIMAX base stations receiving and transmitting broadband information in the (3.4 - 3.43) GHz / (3.5 - 3.53) GHz bands.

These bands are mutually isolated by a minimum of 55 dB with a maximum 1 dB of insertion loss in each band. The use of modern design & production methods yields a compact-sized diplexer with a 4" x 3" x 1.25" footprint.

Contact our Sales Dept. for further information.

Microwave Filter Company

6743 KINNE STREET

E. SYRACUSE, NY 13057

Tel: 800-448-1666 • 315-438-4700

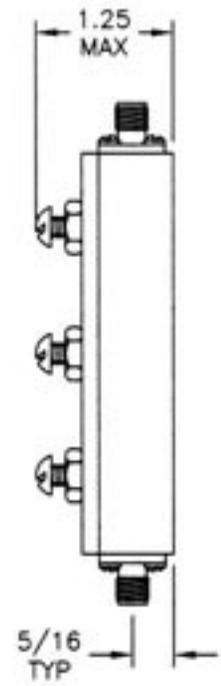
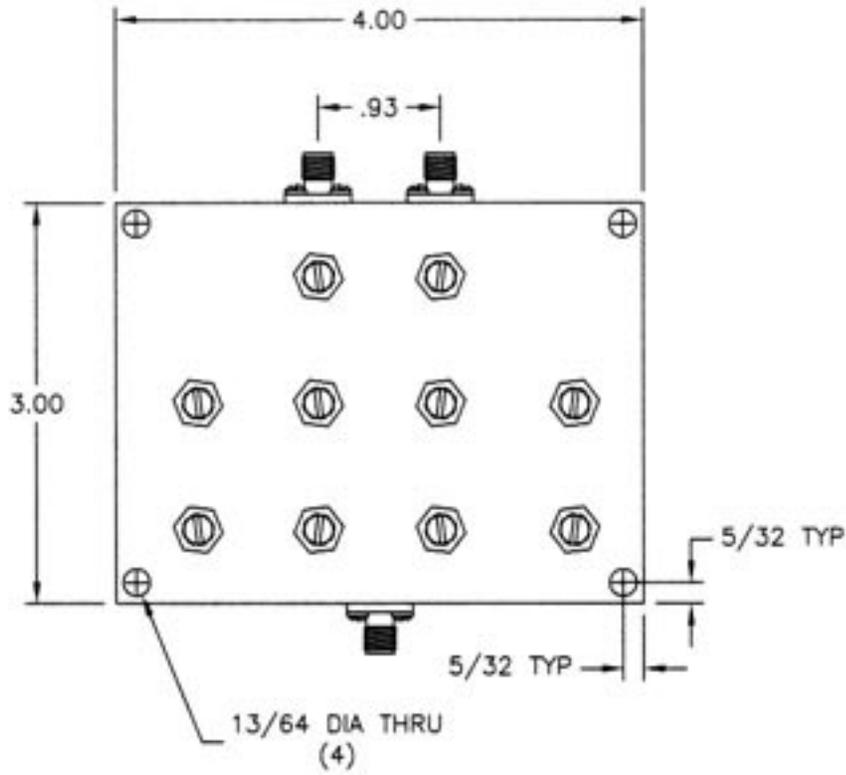
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MICROWAVE FILTER CO., INC.

REVISION			
LTR	ECN	DATE	APPR'D
A	-	12/2/05	MW
B	-	2/18/06	MW
C	3878	5/4/06	MW



SPECIFICATIONS

FREQUENCY BANDS:	3400-3430 MHz / 3500-3530 MHz
PASSBAND INSERTION LOSS:	1.0 dB TYP
PASSBAND VSWR:	1.5:1 MAX
INPUT POWER:	3 WATTS MAX
MUTUAL ISOLATION:	55 dB MIN
IMPEDANCE:	50 OHMS
CONNECTORS:	SMA FEMALE
OPERATING TEMPERATURE:	-40°C TO +70°C

ENVELOPE DRAWING

MC MICROWAVE FILTER CO., INC.		FSCM27834	
DATE 6/24/05	TITLE		
DWN BY S.H.	DIPLEXER		
ENGINEER R. PAUL	SIZE B	DRAWING NO. 15863	REV C

UNLESS SPECIFIED
ALL TOLERANCES ±.030

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