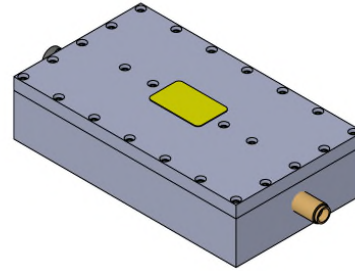


Ceramic Bandpass Dualband

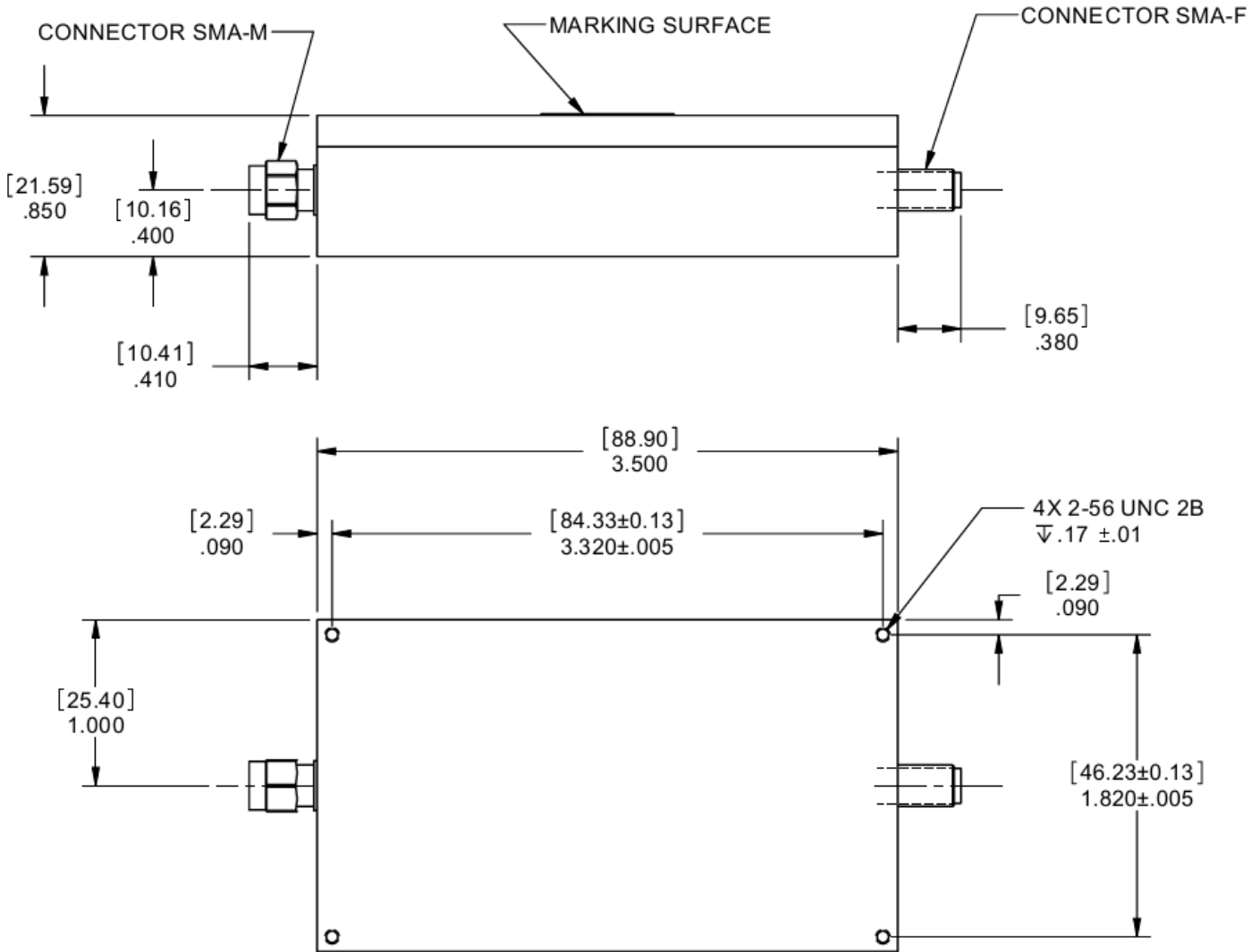
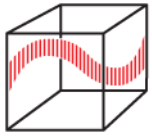
Features/Benefits

- Ceramic Filter
- SMA-F Connectors
- Made in U.S.A.



Parameter	Specification
Channel 1 L1	
Center Frequency (Fo)	1575.42 MHz
Passband	3.0 dB min from 1572.27 MHz to 1578.57 MHz
VSWR	1.5:1
Insertion Loss	7.5 dBa max @ 1575.42 MHz
Rejection	-30 dBc min @ 1568.17 MHz -30 dBc min @ 1582.67 MHz
Channel 2 L2	
Center Frequency (Fo)	1227.6 MHz
Passband	3.0 dB min from 1217.6 MHz to 1237.6 MHz
VSWR	1.5:1 max
Insertion Loss	-2 dBa max from 1217.6 MHz to 1237.6 MHz -1 dBc max from 1217.6 MHz to 1237.6 MHz
Rejection	-15 dBc min @ 1200 MHz -15 dBc min @ 1250 MHz
Package Outline	IMC Document Number 622810
Temperature, Operating	-40°C to +80°C
Temperature, Storage	-55°C to +125°C
Mechanical Dimensions	3.500 x 2.000 x 0.850 inches [88.90 x 50.80 x 21.59 mm] (L X W X H)

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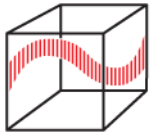


UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.

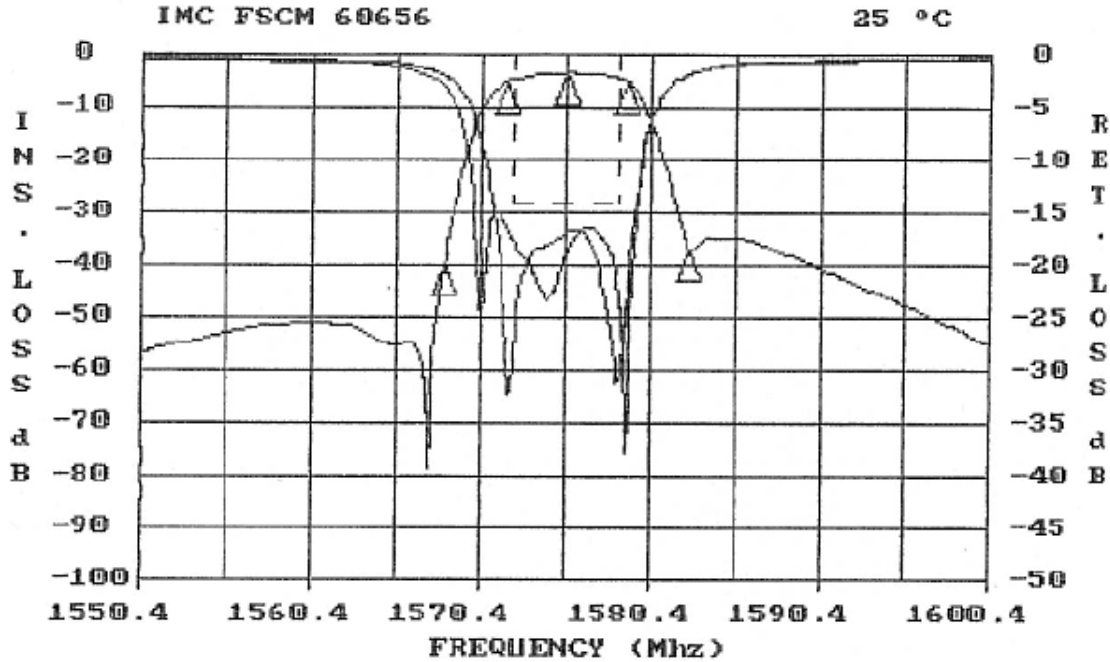
TOLERANCES ARE:

INCHES	MILLIMETERS
.XX ± .02	[X.X] ± .5
.XXX ± .010	[X.XX] ± .25
.XXXX ± .0020	[X.XXX] ± .051

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IMC P/N 940300L1

REVISION

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10-10-2012

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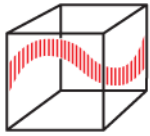
S/N 01

FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
1575.42	-3.54 dbA	-7.5 dbA MAX	
1568.17	-36.3 dbC	-30 dbC MIN	
1582.67	-33.4 dbC	-30 dbC MIN	
1571.9- 1578.92	-1.76 dbC	-3 dbC MAX	

VALUE	SPEC	COMMENTS
8.092 MHZ	7 MHZ MIN	-3dbc Width
1575.32MHZ	1475.42 MIN	Center Freq.
1575.32MHZ	1675.42 MAX	Center Freq.

FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
1572.2- 1578.57	-16.3	1.5 :1 MAX	(S11) - VSWR
1572.2- 1578.57	-16.5	1.5 :1 MAX	(S22) - VSWR

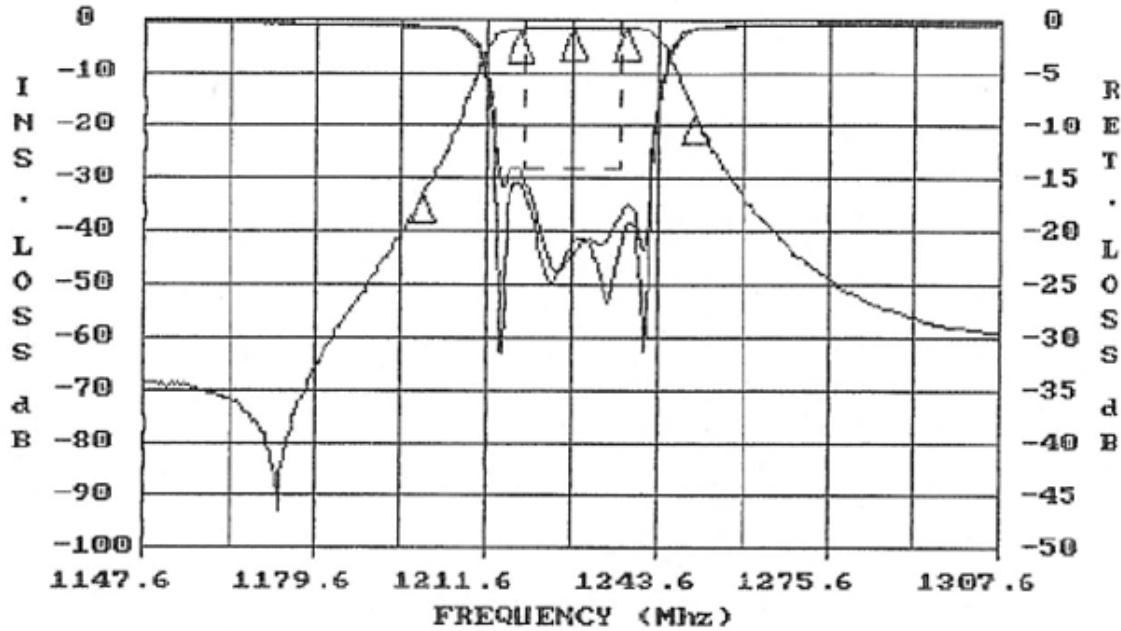
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INTEGRATED MICROWAVE CO

IMC FSCM 60656

25 °C



IMC P/N 940300L2

REVISION

TESTED BY 9668

10-10-2012

10:17:54

S/N 01

FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
1227.6	-1.48 dbA	-2 dbA MAX	
1200	-31.4 dbC	-15 dbC MIN	
1250	-15.9 dbC	-15 dbC MIN	
1217.6- 1237.6	-1.99 dbA	-3 dbA MAX	
FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
1218.5- 1236.6	-16.1	1.5 :1 MAX	(S11) - VSWR
1218.5- 1236.6	-14.8	1.5 :1 MAX	(S22) - VSWR
FREQUENCY (MHZ)	VALUE	SPEC	COMMENTS
1572.2- 1578.57	-16.3	1.5 :1 MAX	(S11) - VSWR
1572.2- 1578.57	-16.5	1.5 :1 MAX	(S22) - VSWR

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