



Monolithic Block Duplexer Specification

RoHS Compliant Filter

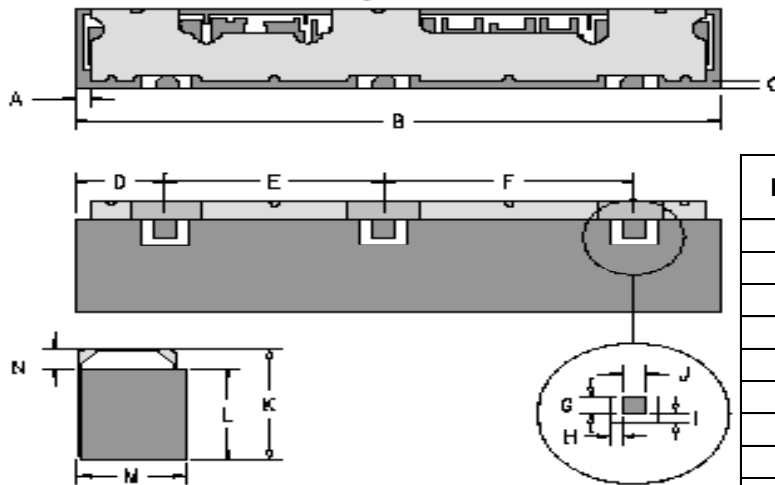
PART DNM3525-3625-50A1

DATE: 6/20/06

1. Properties:

No.	Characteristics	Unit	Low Band Response	High Band Response
1	Frequency of operation	MHz	3500 - 3550	3600 - 3650
	Center Frequency	MHz	3525	3625
2	Bandwidth	MHz	25	25
3	Insertion Loss in BW (max.)	dB	3.0	3.0
4	Ripple in BW (max.)	dB	1.3	1.3
5	Return Loss in BW (min.)	dB	10	10
6	Attenuation	dB	45 @ 3600-3650	45 @ 3500-3550
7	Tx - Rx Isolation (min.)	dB	45 (3500 - 3550 MHz) - (3600 - 3650 MHz)	
8	In/Out Impedance	Ohm	50	
9	Operation Temperature	C	-30 to +80	

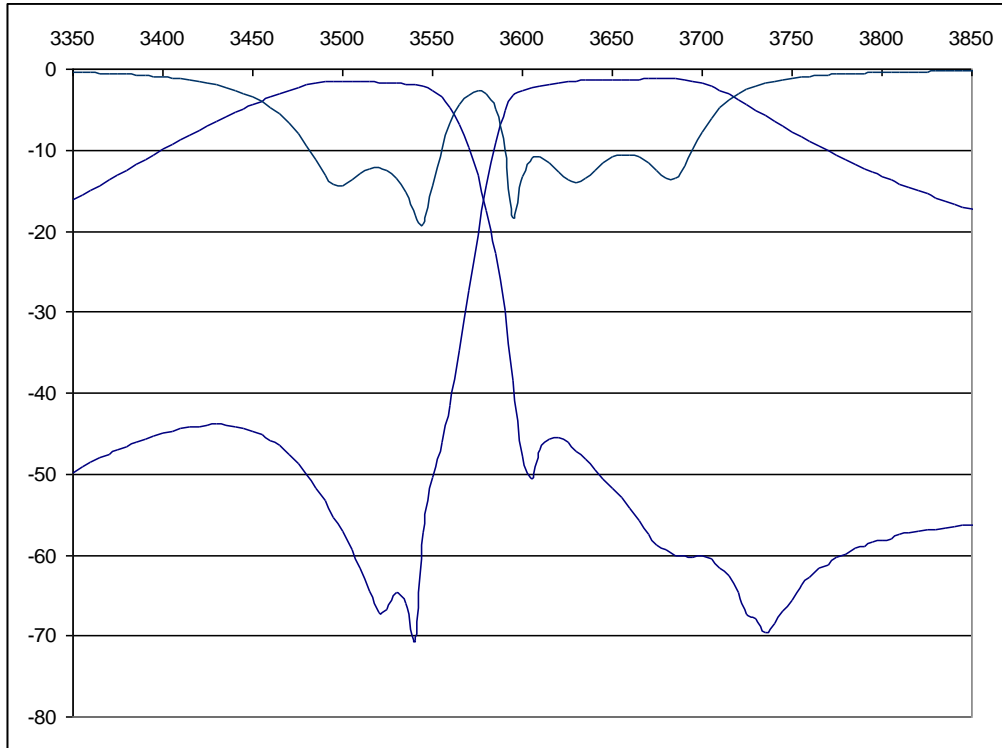
2. Dimension:



Dim	Nominal (mm)	Tolerance (mm) +/- or max
B	22.50	Max
D	3.50	0.3
E	7.75	0.2
F	7.75	0.2
G	0.80	0.2
H	1.00	0.2
I	0.51	0.2
J	0.80	0.2
K	6.25	Max
L	5.50	Max
M	3.95	Max
N	0.92	0.13



3. Electrical Response:



4. PCB Layout:

