



Monolithic Block Duplexer Specification

3.6 GHz Band-E

PART NO.: DNM3587-3687-25B1

DATE: 11/23/04

1. Properties:

No.	Characteristics	Unit	Tx > ANT	ANT > Rx
1	Frequency of operation	MHz	3575 - 3600	3675 - 3700
	Center Frequency (TxFc/RxFc)	MHz	3587.5 (TxFc)	3687.5 (RxFc)
2	Bandwidth	MHz	25	25
3	Insertion Loss in BW (max.)	dB	4.0	4.0
4	Ripple in BW (max.)	dB	0.5	0.5
5	V.S.W.R in BW (max.)		1.5	1.5
6	Attenuation (min.)	dB	35 @ < 2500 MHz	35 @ < 2500 MHz
			15 @ 3505 ~ 3530 MHz	35 @ 3402 ~ 3527 MHz
			40 @ 3259 ~ 3284 MHz	40 @ 2983 ~ 3008 MHz
			45 @ 2943 ~ 2968 MHz	
			50 @ 3675 ~ 3700 MHz	50 @ 3575 ~ 3600 MHz
			35 @ 4000 ~ 5000 MHz	35 @ 4000 ~ 5000 MHz
			(5dB Goal) @ 2TxFc ± 12 MHz	
7	Tx - Rx Isolation (min.)	dB	50 (3575 - 3600 MHz) - (3675 - 3700 MHz)	
8	In/Out Impedance	Ohm	50	
9	Operation Temperature	C	-40 to +70	

2. Dimension:

