

Features:

- 1,350 - 1,450 MHz Frequency Range
- Excellent Rejection, 30dB up to 6.6GHz
- Small Form Factor
- Low Insertion Loss
- Rugged Stainless Steel Unibody
- ROHS Compliant



Filter Specifications

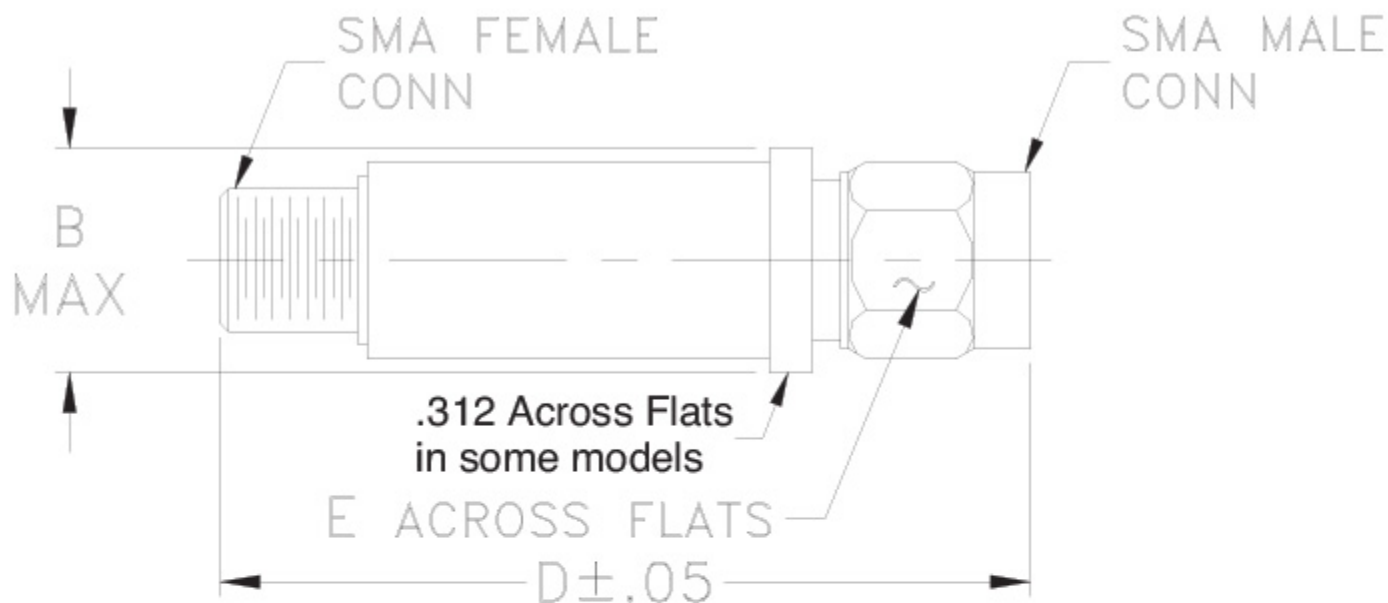
Parameter	Value	Units	Tolerance
Filter Frequency Band	ISM Band		
Filter Impedance	50	Ohms	
Filter Min Frequency	1.35 / 1,350	GHz / MHz	
Filter Max Frequency	1.45 / 1,450	GHz / MHz	
Insertion Loss	<2.6	dB	
Rejection 1	720	dB	
Rejection 2	30	dB	
Filter Length	1.91 / 48.51	inches / mm	
Filter Width	0.31 / 7.92	inches / mm	
Filter Height	0.41 / 10.41	inches / mm	
Filter Power Peak	7	Watts	
Operating Temp	-55 to +100	C	

Parameter	Value	Units	Tolerance
Storage Temp	-55 to +100	C	
Product Length	1.91 / 48.51	inches / mm	
Product Width	0.31 / 7.92	inches / mm	
Product Height	0.41 / 10.41	inches / mm	
RF Connectors	SMA(m),SMA(f)		

Typical Performance Data at 25°C

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)
10	86.42	12105.11
250	68.43	729.08
870	31.80	39.48
890	29.20	35.32
990	17.27	17.76
1065	9.43	7.43
1132	4.55	2.89
1350	2.05	1.54
1400	1.97	1.38
1450	1.97	1.27
1690	3.82	1.11
1755	8.63	3.09
1812	16.96	6.22
1900	30.79	7.30
1940	37.12	7.18
1965	41.68	7.18
3000	58.86	15.09
5000	50.16	45.80
6600	53.10	26.65
10000	38.71	18.90

Filter Plot 2



Outline Dimensions (inch mm)

B	D	E	wt.
.410	1.91	.312	grams
10.41	48.51	7.92	11.8

Engineering Drawing

Dimensions are in inches