Connectorized

Band Stop Filter

NSBP-108+

88 to 108 MHz

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input	0.5W at 25°C

Features

- High FM Frequency Rejection
- Good Return Loss, 20 dB Typ @ Pass Band

Application

- FM Radio Rejection
- Transmitters/Receivers
- Lab Use

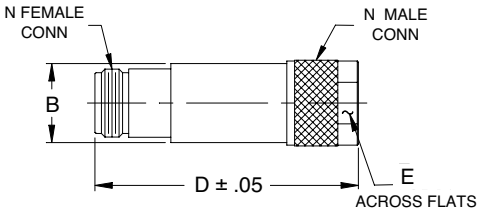
CASE STYLE: FF967

Connectors	Model	Price	Qty.
N-type	NSBP-108+	$129.00 ea.	(1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

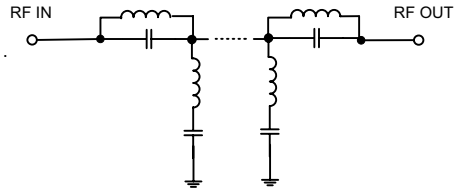
Outline Drawing



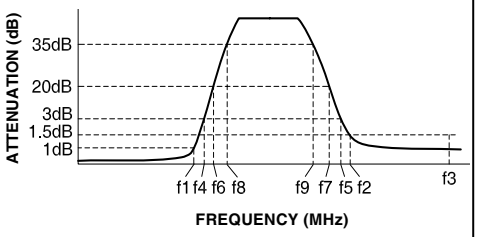
Outline Dimensions (inch / mm)

B	D	E	wt.
.680	**2.430**	**.718**	grams
17.27	61.721	18.24	73

Functional Schematic



Typical Frequency Response



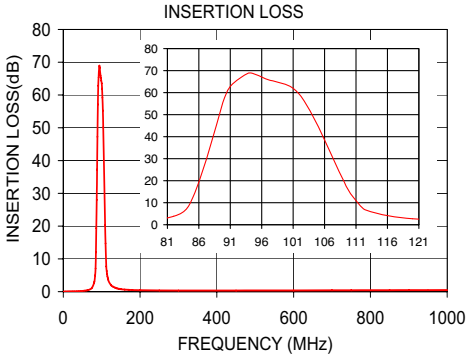
Band Pass Filter Electrical Specifications (T_{AMB}= 25°C)

MODEL NO.	STOPBANDS (MHz)		Loss 3dB	PASSBANDS (MHz)		VSWR (:1)	
	(Loss > 20dB) f6-f7	(Loss > 35dB) f8-f9	Typ. f4, f5	Loss < 1dB f1	Loss < 1.5dB f2,f3	Stopband Typ.	Passband Typ.
NSBP-108+	88-108	89-105	81 & 120	65	140-1000	3.4	1.3

Typical Performance Data at 25°C

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)
1	0.02	1.01
65	0.48	1.13
70	0.72	1.10
75	1.21	1.18
81	3.11	1.39
83	4.96	1.40
87	27.99	3.88
88	37.25	4.32
89	47.24	4.64
90	57.09	4.88
105	44.40	4.17
108	26.23	2.90
109	20.24	2.32
116	4.13	1.56
120	2.72	1.38
140	1.00	1.16
150	0.76	1.09
300	0.34	1.16
600	0.37	1.21
1000	0.49	1.31

NSBP-108+
INSERTION LOSS



NSBP-108+
VSWR