



MFC

Microwave Filter Company, Inc.

Creating Filters and Components to 50 Ghz for Over 50 Years!

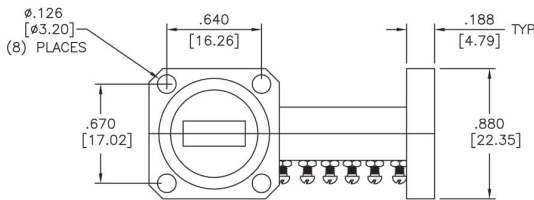
Ka-Band Transmit Reject Filter
Model 19082

This TRF provides deep rejection of the transmit (Ka)band with minimal effect on the receive (K)band.

- Full service (commercial & military) K-band reception
- H-bend configuration for 90 degree installation

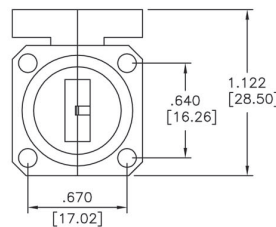
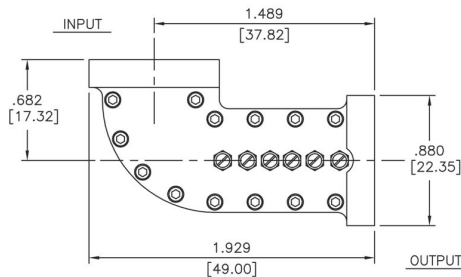
Specifications:

Passband:	17.3 - 21.2 GHz
Passband Insertion Loss:	0.10 dB Approx
Passband VSWR:	1.2:1 Max
Rejection:	40 dB Min from 27.5 - 29.3 GHz 60 dB Typ; 50 dB Min from 29.3 - 31.0 GHz
Group Delay Variation:	0.1 nS Max
Temperature Range:	-40°C to +75°C
Flanges:	See chart below
Dimensions:	1.929" x 0.88" x 1.122" (49 mm x 22 mm x 28.5 mm)
Finish:	White Lacquer



Flange Configurations

Model #	Input	Output
19082	WR42 Grooved	WR42 Cover
19082-1	WR42 Grooved	WR42 Grooved
19082-2	WR42 Cover	WR42 Grooved
19082-3	WR42 Cover	WR42 Cover



All MFC Products Designed and Manufactured in the USA



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