



CORRY MICRONICS, INC **PROPOSED**
PRODUCT SPECIFICATION

CMIBPF-47.2-51.4G
Band Pass Filter

Parameters	Specifications
Frequency Range	47.2 – 51.4 GHz (4.2 GHz BW)
Center Frequency	49.3 GHz
Pass Band Insertion Loss	2 dB Max
Pass Band Ripple (peak to peak over any 500 MHz interval @ 47.2 – 51.4 GHz)	0.3 dB Max
Group Delay Variation (peak to peak over any 500 MHz interval @ 47.2 – 51.4 GHz)	0.3 ns max
Return Loss	15 dB Min
Rejection @ DC to 42.5 GHz	80 dB Min
Rejection @ 42.5 to 46 GHz	40 dB Min
Rejection @ 52.5 to 55 GHz	40 dB Min
Rejection @ 55 to 70 GHz	60 dB Min
Power Rating	10 W Max
Operating Temperature	-30° to +70° C
Impedance	50 Ohms
Input Connector	2.4 mm Female
Output Connector	2.4 mm Male
Finish	Blue Paint
Dimensions	See Attached Drawing

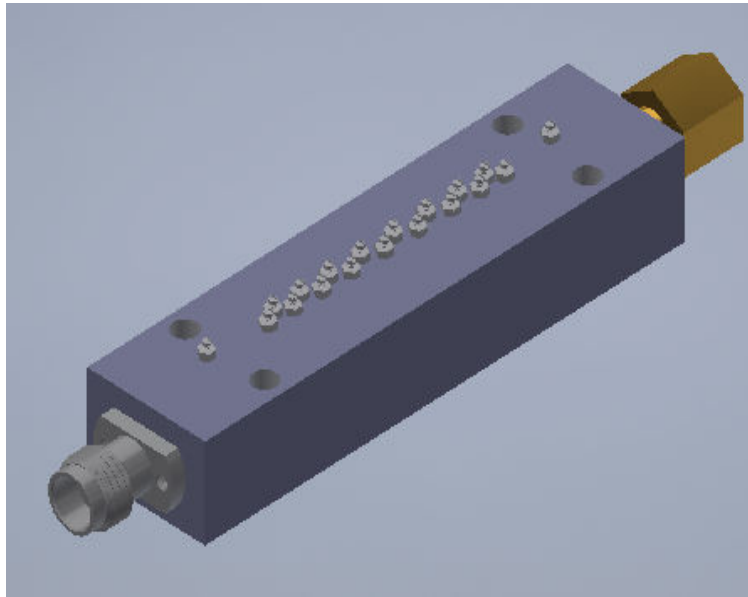
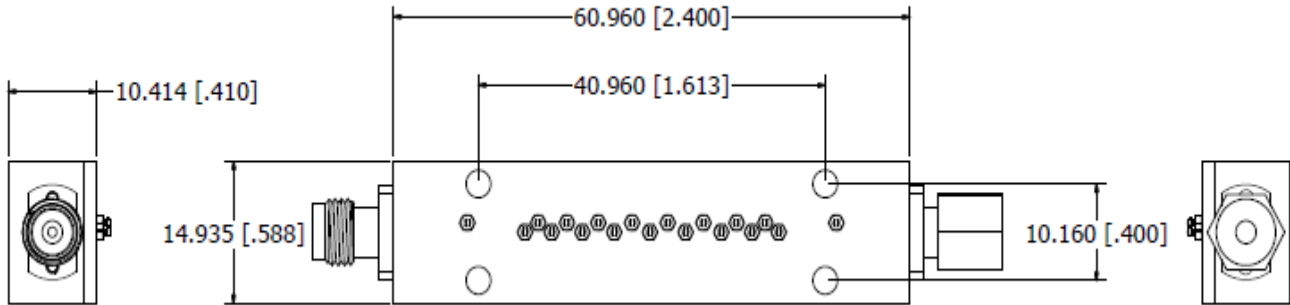
CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.

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Concept Drawing:

All Dimensions are in mm [inches] Tolerance ± 0.25 [0.01]



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