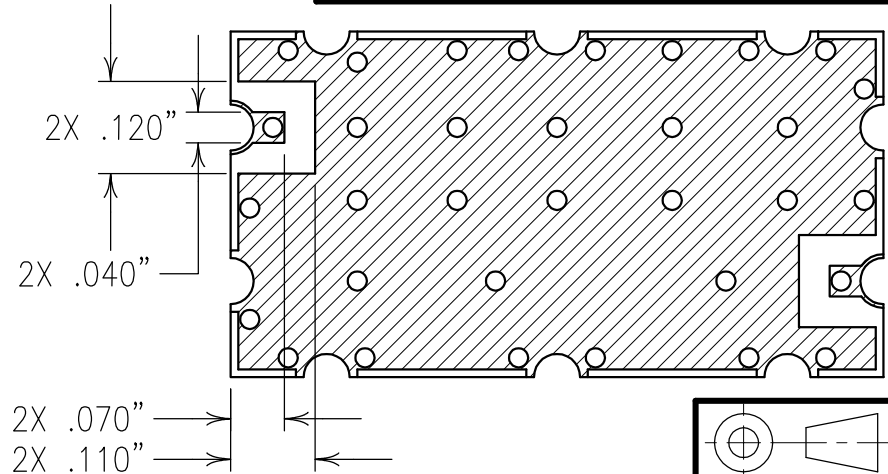
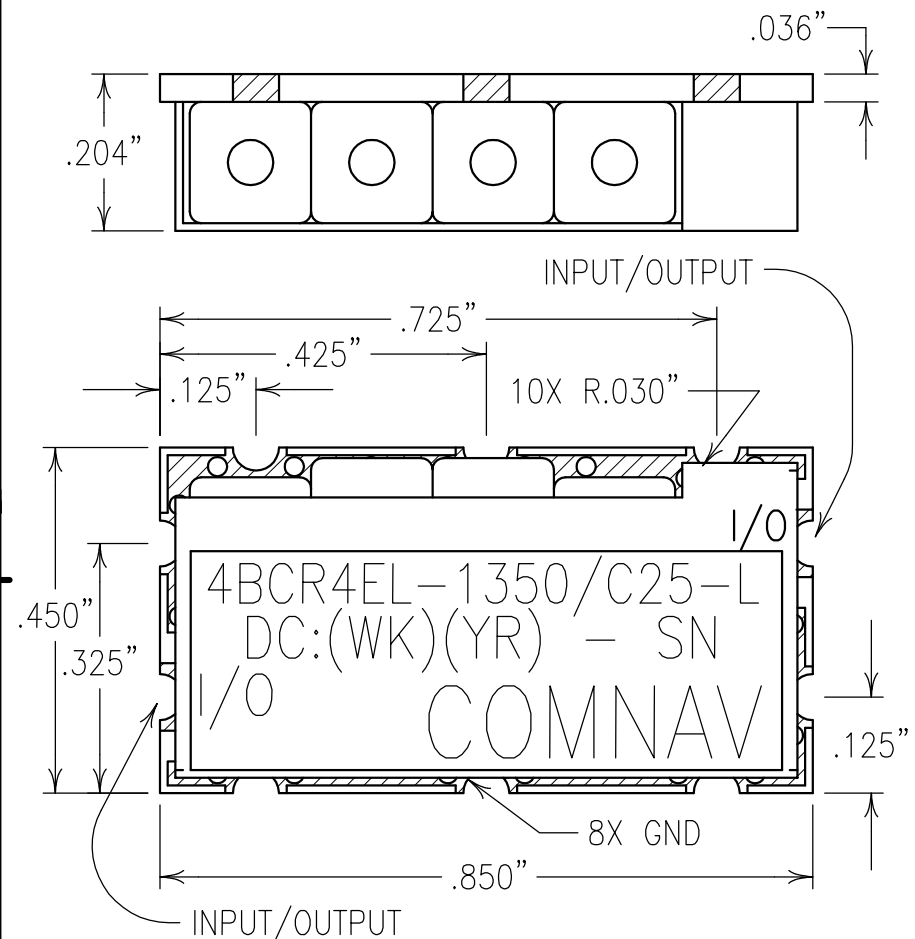


VIBRATION: THE FILTER SHALL MEET ITS ELECTRICAL SPECIFICATIONS WHILE EXPOSED TO VIBRATION ACCORDING TO SECTION 514.5, PROCEDURE 1, CATEGORY 13 OF MIL-STD-810F (PROPELLER AIRCRAFT)
 SHOCK: THE FILTER SHALL MEET ITS ELECTRICAL SPECIFICATIONS AFTER EXPOSURE TO SHOCK ACCORDING TO SECTION 516.5, PROCEDURE 1 (FUNCTIONAL SHOCK - AIRCRAFT)

ELECTRICAL CHARACTERISTICS

CENTER FREQUENCY:	1350 MHz
1 dB BANDWIDTH:	20 MHz MIN
REJECTION:	
>40 dBc:	50-1280 MHz
>40 dBc:	1420-5000 MHz
>58 dBc:	1478-1497 MHz
INSERTION LOSS @ 1350 MHz:	5 dB MAX
FLATNESS (1340-1360 MHz):	0.5 dB
GROUP DELAY VARIATION ACROSS ANY 10 MHz OF 1340-1360 MHz PASSBAND:	5 nSEC
NOMINAL IMPEDANCE, I/O:	50 OHMS
RETURN LOSS ACROSS 1dB BW:	-14 dB
OPERATING TEMPERATURE:	-20 TO +80°C
STORAGE TEMPERATURE:	-20 TO +85°C
HUMIDITY, NON CONDENSING:	5-95%

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NOTES:

RECOMMENDED ATTACHMENT METHOD:	TEMP.(°C)	MAX. TIME (SECONDS)
SILVER EPOXY OR REFLOW NOT TO EXCEED:	215	90
	230	60
	245	30
FILTER IS ROHS COMPLIANT.	260	15

ENGLISH / METRIC ENGLISH	CHECKED BY				
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125/100 OR BETTER REMOVE ALL BURRS	DRAWN BY PBF	A	02FEB08	KJR	DEV. GEN. REV. PER 2828
	ENGINEER KJR	II	18MAY07	KJR	DEV. INI. ISS. PER 2672
		REV	DATE	BY	DCN No. REMARKS
ENGLISH (INCHES) .XX ±.02 .XXX ±.01	METRIC (MM) .X ±.25 .XX ±.13	SCALE 4:1	APPLIC: CERAMIC COAXIAL FILTER		
ANGLES ± 0° 30'	DATE 07FEB08	TITLE: 4BCR4EL-1350/C25-L			
	FINISH: BOARD: NI/AU JACKET: NI/SILVER RESONATOR: SILVER	DRAWING No. 0L0736		SHEET/OF 1/1	