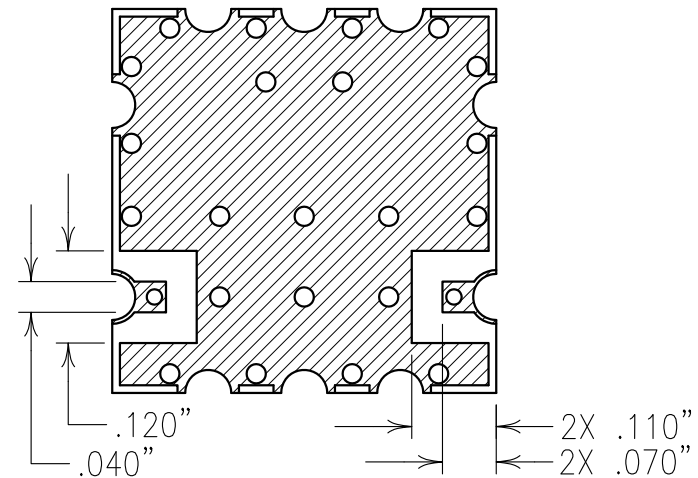
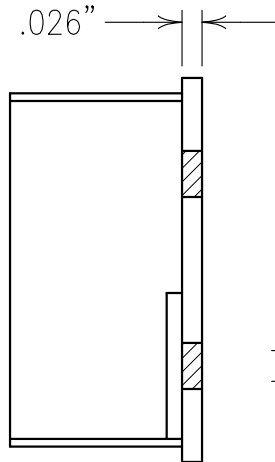
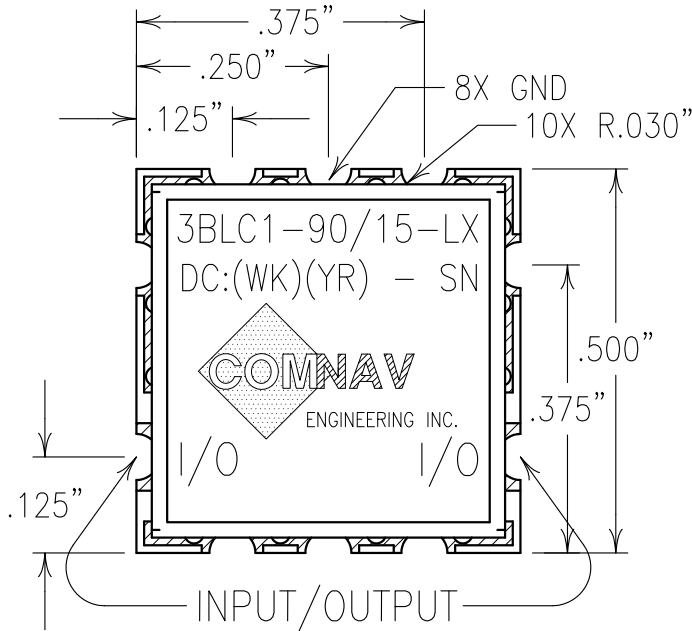


**COPY**



**ELECTRICAL CHARACTERISTICS**

PASSBAND:	90 MHz
1 dB BANDWIDTH:	±5.0 MHz
3 dB BANDWIDTH:	16 MHz MAX
INSERTION LOSS:	3.0 dB TYP. @ FO
VSWR @ FO ±4.0 MHz:	1.5:1 MAX/1.33:GOAL
AMPLITUDE VARIATION @ FO ±4.0 MHz:	±0.25 dB MAX
ABSOLUTE GROUP DELAY:	40 nSEC MAX @ FO
GROUP DELAY VARIATION @ ±4.0 MHz:	6.0 nSEC MAX
REJECTION:	
FO ±12 MHz:	7 dBc MIN
FO ±22 MHz:	18 dBc MIN
DC TO FO-40 MHz:	33 dBc MIN
FO +80 MHz TO 400 MHz:	50 dBc MIN
OPERATING TEMPERATURE:	-40° TO +85° C

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NOTES:

RECOMMENDED ATTACHMENT METHOD: SILVER EPOXY OR REFLOW NOT TO EXCEED AS INDICATED BELOW:

TEMP.(°C) MAX.	TIME(SEC)
215	90
230	60
245	30
260	15

FILTER MUST BE LABELED.  
FILTER IS ROHS COMPLIANT.

ENGLISH / METRIC ENGLISH	CHECKED BY	D	04DEC15	KJR	DEV.	GEN. REV. PER 3967
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	C	20AUG15	KJR	DEV.	GEN. REV. PER 3943
MACHINED SURFACES TO BE 125/ OR BETTER	ENGINEER	B	10AUG09	KJR	DEV.	GEN. REV. PER 3096
REMOVE ALL BURRS	KJR	REV	DATE	BY	DCN No.	REMARKS
ENGLISH (INCHES)	METRIC (MM)	SCALE	APPLIC: CHIP AND WIRE FILTER			
.XX ±.02	.X ±.25	DATE	TITLE: 3BLC1-90/15-LX			
.XXX ±.010	.XX ±.13	04DEC15				
ANGLES ± 0° 30'	FINISH: BOARD: NI/GOLD JACKET: NI/SILVER		DRAWING No.		SHEET OF 1 1	
COMNAV ENGINEERING INC.		0L0952				