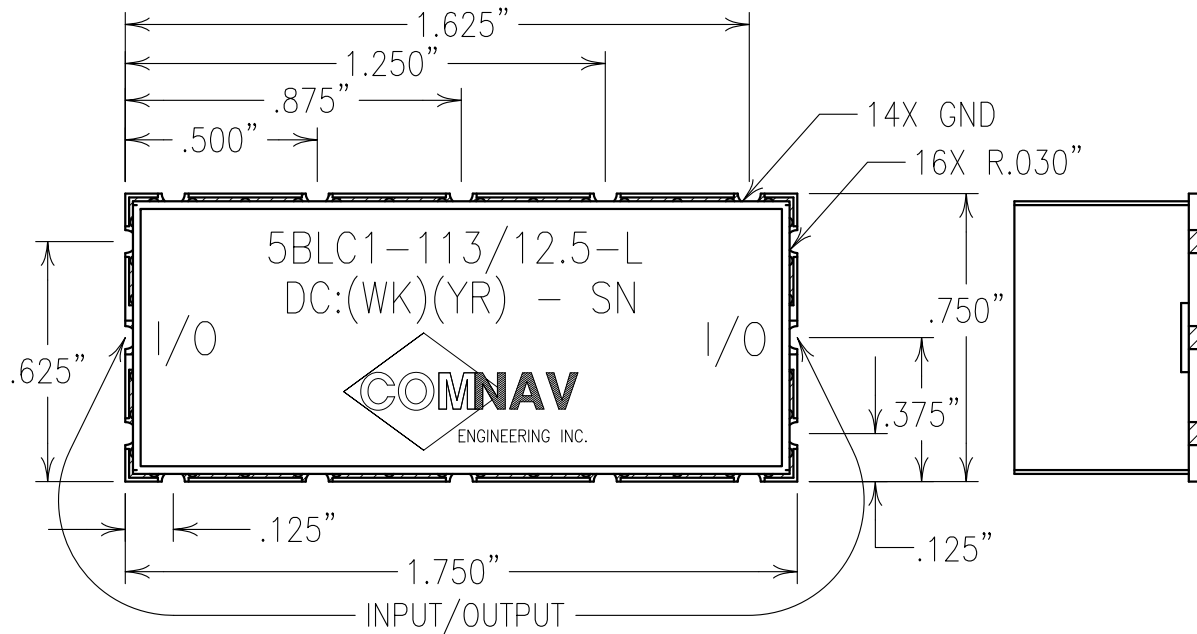


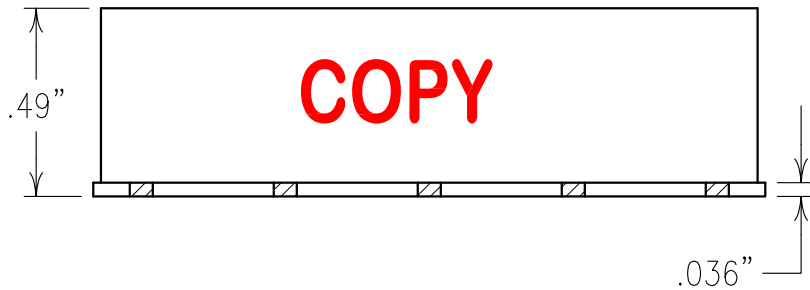
2

1



ELECTRICAL CHARACTERISTICS

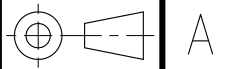
CENTER FREQUENCY:	113.0 MHz
PASSBAND:	108-118 MHz
PASSBAND LOSS:	5.0 dB MAX @ FO
OPERATING RF POWER:	+20 dBm
AMPLITUDE IN-BAND RIPPLE:	3 dB MAX PK-PK
3 dB BANDWIDTH:	10 MHz MIN
ATTENUATION:	6 dBa MIN @ 107 MHz
	12 dBa MIN @ 106 MHz
	18 dBa MIN @ 104 MHz
	22 dBa MIN @ 102 MHz
	24 dBa MIN @ 100 MHz
	32 dBa MIN @ 90 MHz
	35 dBa MIN @ 88 MHz
	18 dBa MIN @ 125 MHz
	30 dBa MIN @ 130 MHz
	30 dBa MIN @ 144-154 MHz
50 dBa MIN @ 252-262 MHz	
GROUP DELAY RIPPLE IN P.B.:	1 MICRO SEC MAX
PASSBAND RETURN LOSS:	8 dB MIN
IIP3:	+40 dBm (DESIGN TO MEET)
OPERATING TEMPERATURE:	-55 TO +85°C
IMPEDANCE:	50 OHMS



NOTES:

CUSTOMER PART NUMBER ETCHED OR LABELED.	TEMP.(°C)	MAX.TIME(SEC)
RECOMMENDED ATTACHMENT METHOD:	215	90
SILVER EPOXY OR REFLOW NOT TO EXCEED:	230	60
FILTER IS ROHS COMPLIANT.	245	30
FILTER MAY BE ETCHED OR LABELED.	260	15

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ENGLISH / METRIC ENGLISH	CHECKED BY				
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY				
MACHINED SURFACES TO BE 125 / OR BETTER	PBF				
REMOVE ALL BURRS	ENGINEER	II	16OCT13	KJR	DEV. INI. ISS. PER 3714
ENGLISH (INCHES)	METRIC (MM)	REV	DATE	BY	DCN No. REMARKS
.XX ±.02	.X ±.25				
.XXX ±.010	.XX ±.13				
ANGLES ± 0° 30'	SCALE	APPLIC: CERAMIC COAXIAL FILTER			
	2:1	TITLE: 5BLC1-113/12.5-L			
	DATE	DRAWING No. OL1385			
	17OCT13	SHEET OF 1 1			
COMNAV ENGINEERING INC.	FINISH: BOARD: NICKEL/GOLD				
	JACKET: NICKEL/SILVER				

