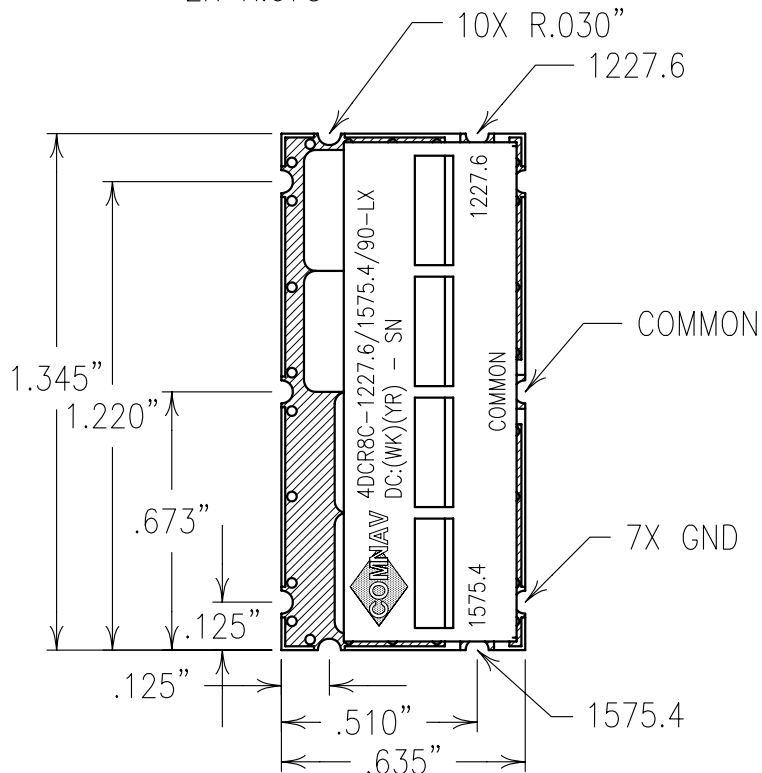
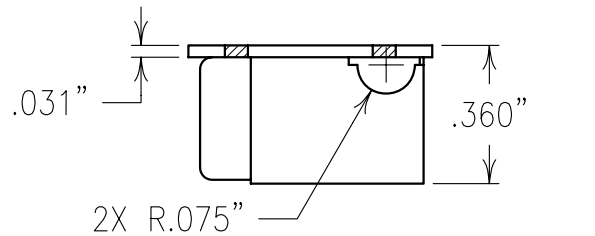


2

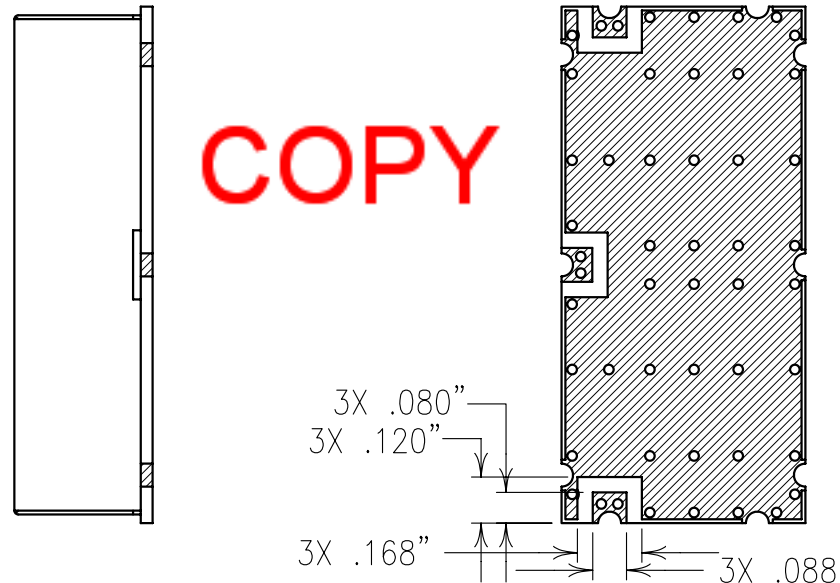
1



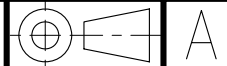
ELECTRICAL CHARACTERISTICS

	L2	L1
CENTER FREQUENCY	1227.6 MHz	1575.4 MHz
3dB BANDWIDTH	90 MHz NOM	90 MHz NOM
PASSBAND	1219.6-1235.6 MHz	1567.4-1583.4 MHz
PASSBAND LOSS	<0.4 dB GOAL (0.5 MAX)	<0.4 dB GOAL (0.5 MAX)
PASSBAND VSWR	<1.7:1	<1.7:1
PASSBAND DELAY FLATNESS:	<0.5 NSEC	<0.5 NSEC
30 dBc REJECTION:	fo ± 300 MHz	fo ± 300 MHz
10 dBc REJECTION:	fo ± 75 MHz	fo ± 75 MHz
POWER HANDLING:	+2W CW(30-20000 MHz)	+2W CW(30-20000 MHz)
TEMP. RANGE:	-55 TO +100°C	-55 TO +100°C
RF PORTS:	DC OPEN	DC OPEN

COPY



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NOTES:

FOR RECOMMENDED FOOTPRINT SEE FP0084.
 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

HAND SOLDERING: MAX. TIP TEMP.: 600°C FOR 10 SEC.

ENGLISH / METRIC	CHECKED BY	D	15JAN03	MJG	DEV.	GEN. REV. PER 1999
ENGLISH		C	16DEC02	MJG	DEV.	GEN. REV. PER 1980
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	B	18NOV02	MJG	DEV.	GEN. REV. PER 1974
MACHINED SURFACES TO BE 125 / OR BETTER REMOVE ALL BURRS	ENGINEER	REV	DATE	BY	DCN No.	REMARKS
ENGLISH (INCHES)	METRIC (MM)	SCALE	APPLIC: CERAMIC COAXIAL FILTER			
.XX ±.02	.X ±.25	DATE	TITLE: 4DCR8C-1227.6/1575.4/90-LX			
.XXX ±.010	.XX ±.13	15JAN03				
ANGLES ± 0° 30'	FINISH: JACKET: NI/SILVER		DRAWING No.		SHEET OF 1 1	
	RESONATOR: SILVER		010428			
	BOARD: NICKEL/GOLD					