



ELECTRICAL CHARACTERISTICS	
CHANNEL 1	
CENTER FREQUENCY:	1370 MHz
3 dB BANDWIDTH:	75 MHz NOM
PASSBAND:	1350-1390 MHz
VSWR:	1.3:1 TYP
LOSS:	< 1.5 dB
REJECTION:	
>42 dBc:	DC-1250 MHz
>45 dBc:	1550-3700 MHz
CHANNEL 2	
CENTER FREQUENCY:	1802.5 MHz
3 dB BANDWIDTH:	125 MHz NOM
PASSBAND:	1755-1850 MHz
VSWR:	1.3:1 TYP
LOSS:	< 1.5 dB
REJECTION:	
>42 dBc:	DC-1600 MHz
>45 dBc:	2100-3700 MHz
POWER HANDLING:	20 WATTS PEAK, 6 WATTS AVE.

Confidential and Proprietary information of ComNav Engineering Inc. Do Not Duplicate or Use Without Permission. ComNav Engineering Inc. claims Copyright in this document as of the Creation, last revision, and last updated dates. All Rights Reserved.

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 MAY BE LABELED OR ETCHED.  
FILTER IS ROHS COMPLIANT.

ENGLISH / METRIC ENGLISH	CHECKED BY				
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125 / OR BETTER REMOVE ALL BURRS	DRAWN BY PBF				
ENGLISH (INCHES) .XX ±.02 .XXX ±.010 ANGLES ± 0° 30'	ENGINEER KJR	REV	DATE	BY	DCN No.
METRIC (MM) .X ±.50 .XX ±.25	SCALE 4:1	II	25NOV08	KJR	DEV.
	DATE 08DEC08	APPLIC: CERAMIC COAXIAL FILTER			
	FINISH: BOARD: NICKEL/GOLD JACKET: NICKEL/SILVER RESONATOR: SILVER	TITLE: 8DCR4EC-1370/1803-L			
	DRAWING No. 0L0966	REMARKS INI. ISS. PER 2980			
		SHEET OF 1 1			