



ELECTRICAL CHARACTERISTICS	
CENTER FREQUENCY:	942.5 MHz
PASSBAND BANDWIDTH:	45 MHz NOM
PASSBAND:	925-960 MHz
PB INSERTION LOSS:	2.0 dB GOAL/ 2.2 dB MAX 2.35 dB MAX AT 85°C
PASSBAND VSWR:	18 dB MIN
REJECTION:	
	45 dBc MIN @ 880-915 MHz
	42 dBc MIN @ 880-915 MHz AT 85°C
POWER HANDLING:	32 WATTS AVE., 200 WATTS PEAK
OPERATING TEMP.:	-40° TO +85°C

COPY

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:
 1) HIGH IMPEDANCE POINTS: THERE MUST BE A MINIMUM 0.050" OF AIR SPACE BETWEEN GROUND AND HIGH IMPEDANCE POINTS. THIS MAY BE ACCOMPLISHED BY RAISING THE FILTER OR DRILLING OUT THE BOARD.
 HAND OR WAVE SOLDERING.
 MAX REFLOW TEMP. 240°C FOR 30 SEC., OR 260°C FOR 15 SEC.
 FILTER IS ROHS COMPLIANT.
 FILTER MAY BE LABELED OR ETCHED.

ENGLISH / METRIC ENGLISH	CHECKED BY					
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125/ØR BETTER REMOVE ALL BURRS	DRAWN BY PBF	A	24MAY12	KJR	DEV.	GEN. REV. PER 3541
	ENGINEER KJR	II	15FEB12	KJR	DEV.	INI. ISS. PER 3504
		REV	DATE	BY	DCN No.	REMARKS
ENGLISH (INCHES) .XX ±.02 .XXX ±.010	METRIC (MM) .X ±.5 .XX ±.25	SCALE 1:1	APPLIC: CERAMIC COAXIAL FILTER			
ANGLES ± 0° 30'	DATE 24MAY12	TITLE: 7BCR12C-942.5/C45-D				
	FINISH: JACKET: NICKEL/SILVER RESONATOR: SILVER	DRAWING No. 0L1288		SHEET OF 1 1		