



ELECTRICAL CHARACTERISTICS		
	RX	TX
CENTER FREQUENCY:	815.5 MHz	860.5 MHz
PASSBAND:	806-825 MHz	851-870 MHz
REJECTION:		
25 dB MIN:	851-870 MHz	
30 dB MIN.:		806-825 MHz
INSERTION LOSS:	<2.0 dB	<1.3 dB
TX INSERTION LOSS AND TX REJECTION APPLY TO THE TX TO ANTENNA PATH.		
RX INSERTION LOSS AND RX REJECTION APPLY TO THE RX TO ANTENNA PATH.		
POWER HANDLING: THE TX TO ANTENNA MUST WITHSTAND 8 WATTS (+39 dBm) CW OVER THE TEMPERATURE RANGE OF -20 TO +85°C. THE ANTENNA TO RX PATH MUST WITHSTAND 0 dBm.		
IMPEDANCE: 50 OHMS AT ALL THREE PORTS.		

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.

ENGLISH / METRIC ENGLISH	CHECKED BY					
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	A	11AUG09	KJR	DEV.	INI. ISS. PER 3097
MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS	ENGINEER	II	16MAY08	KJR	DEV.	INI. ISS. PER 2884
	KJR	REV	DATE	BY	DCN No.	REMARKS

NOTES: ----- 0.030" CLEARANCE ZONE

1) DC: IS ON ONE SIDE ONLY.

FILTER IS ROHS COMPLIANT

ENGLISH (INCHES)	METRIC (MM)	SCALE	APPLIC:
.XX ±.02	.X ±.5	2:1	CERAMIC COAXIAL FILTER
.XXX ±.010	.XX ±.25	DATE	TITLE:
ANGLES ± 0° 30'		11AUG09	6DCR8E-815.5/860.5/Z-DX

	FINISH:	PINS: TIN PLATED BRASS	DRAWING No.	SHEET OF 1 1
		JACKET: NI/SILVER	0L0880	
		RESONATOR: SILVER		