



ELECTRICAL CHARACTERISTICS		
	RX	TX
CENTER FREQUENCY:	836.5 MHz	881.5 MHz
PASSBAND:	824-849 MHz	869-894 MHz
REJECTION:		
25 dB MIN:	869-894 MHz	
30 dB MIN.:		824-849 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 25 WATTS 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.		

NOTES: ----- 0.030" CLEARANCE ZONE

1) DC: IS ON ONE SIDE ONLY.

FILTER IS ROHS COMPLIANT

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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			
ENGLISH (INCHES)	METRIC (MM)	SCALE	APPLIC:	CERAMIC COAXIAL FILTER					
.XX ±.02 .XXX ±.010	.X ±.5 .XX ±.25	2:1	DATE	TITLE: 6DCR8E-836.5/881.5/Z-DX					
ANGLES ± 0° 30'	11AUG09	FINISH:		PINS: TIN PLATED BRASS JACKET: NI/SILVER RESONATOR: SILVER		DRAWING No.		SHEET OF	
		0L0879		1		1			