



ELECTRICAL CHARACTERISTICS	
CENTER FREQUENCY:	1550 MHz
PASSBAND BANDWIDTH:	40 MHz
PB INSERTION LOSS:	8.0 dB MAX
PASSBAND VSWR:	1.5:1 TYPICAL
PASSBAND RETURN LOSS:	>14 dB TYPICAL
PASSBAND FLATNESS:	<0.3 dB
GROUP DELAY (LINEAR):	±0.7 nSEC
GROUP DELAY (PARABOLIC):	8.0 nSEC MAX
GROUP DELAY (RIPPLE):	<0.7 nSEC
REJECTION:	
	80 dBc MIN @ 1670-1710 MHz
	75 dBc MIN @ 1620 MHz
	45 dBc MIN @ 1480 MHz
OPERATING TEMPERATURE:	0° TO +60°C

COPY

NOTES:

1) THERE MUST BE A MINIMUM OF .050 AIR SPACE BETWEEN GROUND AND HIGH IMPEDANCE POINTS.

THIS MAY BE ACCOMPLISHED BY RAISING THE FILTER OR DRILLING OUT THE BOARD.

FILTER IS ROHS COMPLIANT.
FILTER MAY BE LABELED OR ETCHED.

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ENGLISH / METRIC ENGLISH		CHECKED BY					
TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY		PBF			
MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS		ENGINEER		KJR		INI. ISS. PER 3480	
ENGLISH (INCHES)		METRIC (MM)		SCALE		APPLIC:	
.XX ±.02 .XXX ±.010		.X ±.5 .XX ±.25		2:1		CERAMIC COAXIAL FILTER	
ANGLES ± 0° 30'		DATE		08DEC11		TITLE:	
						8BCR6C-1550/C75-D	
FINISH:				DRAWING No.		SHEET OF	
JACKET: NICKEL/SILVER RESONATOR: SILVER				0L1273		1 1	