



ELECTRICAL CHARACTERISTICS	
CENTER FREQUENCY:	277.5 MHz
PASSBAND:	200-355 MHz
INSERTION LOSS:	1.5 dB MAX @ F0
PASSBAND FLATNESS:	1.0 dB MAX
RETURN LOSS:	1.5:1 TYPICAL
REJECTION:	
	30 dBc MIN @ DC-175 MHz
	10 dBc MIN @ 800 MHz
	20 dBc MIN @ 1000 MHz
	30 dBc MIN @ 1300 MHz

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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 IS ROHS COMPLIANT.
FILTER MAY BE LABELED OR ETCHED.

ENGLISH / METRIC ENGLISH	CHECKED BY				
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125/0R BETTER REMOVE ALL BURRS	DRAWN BY PBF				
ENGLISH (INCHES) .XX ±.02 .XXX ±.010	METRIC (MM) .X ±.50 .XX ±.25	SCALE 2:1	DATE 08JUL10	APPLIC: CHIP AND WIRE FILTER	TITLE: 5BLC1-277.5/180-LX
ANGLES ± 0° 30'	FINISH: BOARD: NICKEL/GOLD JACKET: NICKEL/SILVER	DRAWING No. OL1106	SHEET OF 1 1		