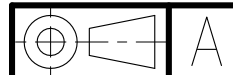


1

ELECTRICAL CHARACTERISTICS	
CENTER FREQUENCY:	836.5 MHz
3 dB BANDWIDTH:	30 MHz NOM
LOSS @ FO:	1.2 dB MAX
PASSBAND:	824-844 MHz
PASSBAND FLATNESS:	1.0 dB MAX
VSWR:	1.5:1 MAX
REJECTION:	52 dBc MIN @ 864-874 MHz
POWER HANDLING:	20 WATTS
IMPEDANCE:	50 OHMS IN/OUT

COPY



NOTES:

- DC: IS ON ONE SIDE ONLY.
- 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.

FOR RECOMMENDED FOOTPRINT SEE FP0038.
 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.

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ENGLISH / METRIC ENGLISH	CHECKED BY				
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125/ OR BETTER REMOVE ALL BURRS	DRAWN BY PBF				
	ENGINEER MJG	II	26MAR14	TLA	DEV. INI. ISS. PER 3779
		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 26MAR14	TITLE: 6BCR12C-836/C30-D			
COMNAV ENGINEERING INC.	FINISH: JACKET: NICKEL/SILVER RESONATOR: SILVER	DRAWING No. OL1424		SHEET OF 1 1	