



**COPY**

**ELECTRICAL CHARACTERISTICS**

CENTER FREQUENCY: 1635 MHz NOM  
 3dB BANDWIDTH: 60 MHz NOM  
 PASSBAND: 1610-1660.5 MHz  
 PASSBAND LOSS: <2.5 dB MAX  
 PASSBAND RETURN LOSS: 15 dB MIN @ 1611-1659.5 MHz  
 PASSBAND FLATNESS: 1.0 dB MAX  
 REJECTION: 55 dBc @ 1560 MHz  
 55 dBc @ 1710.5 MHz  
 1 dBc @ 1600 & 1670.5 MHz

**NOTES:**  
 RECOMMENDED FOOTPRINT: FP0108  
 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 MUST BE LABELED.

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ENGLISH / METRIC ENGLISH	CHECKED BY	B	22AUG06	KJR	DEV.	GEN. REV. PER 2558
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	A	07JUN06	KJR	DEV.	GEN. REV. PER 2528
MACHINED SURFACES TO BE 125/ OR BETTER REMOVE ALL BURRS	ENGINEER	II	25MAY06	KJR	DEV.	INI. ISS. PER 2526
	KJR	REV	DATE	BY	DCN No.	REMARKS

ENGLISH (INCHES)	METRIC (MM)	SCALE	APPLIC:
.XX ±.02 .XXX ±.010	.X ±.25 .XX ±.13	2:1	CERAMIC COAXIAL FILTER
ANGLES ± 0' 30'	DATE	11MAY10	TITLE:
			8BCR6C-1635/60-L

COMNAV ENGINEERING INC	FINISH: JACKET: NI/SILVER RESONATOR: SILVER BOARD: NICKEL/GOLD	DRAWING No. OL0651	SHEET OF 1 1
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