

COPY

ELECTRICAL CHARACTERISTICS

CENTER FREQUENCY: 3500 MHz
 PASSBAND: 3350-3650 MHz
 PASSBAND LOSS: 2.2 dB
 PASSBAND FLATNESS: 0.85 MAX OVER PASSBAND
 PASSBAND RETURN LOSS: 16 dB MIN
 POWER: 30 dBm

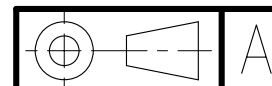
MINIMUM ATTENUATION:

DC-3100 MHz: 60 dBc
 3150 MHz: 50 dBc
 3750 MHz: 35 dBc
 3850 MHz: 50 dBc
 3950-5350 MHz: 60 dBc
 5350-6000 MHz: 50 dBc

SHOCK AND VIBRATION FOR MILITARY APPLICATION ARE DESIGNED TO MEET BUT NOT TESTED, AS PER FOLLOWING MILITARY SPECIFICATION:

-SHOCK PER MIL-STD-202, METHOD 213, CONDITION C
 -VIBRATION PER MIL-STD-202, METHOD 201, TEST CONDITION B AND METHOD 204 TEST CONDITION G.

OPERATING TEMPERATURE RANGE: -40 TO +110°C




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NOTES: RECOMMENDED ATTACHMENT METHOD:
 SILVER EPOXY OR REFLOW NOT TO EXCEED: TEMP.(°C) MAX. TIME (SECONDS)

FOR RECOMMENDED FOOTPRINT SEE FP0116.
 FILTER IS ROHS COMPLIANT.
 FILTER MAY BE LABELED OR ETCHED.

TEMP.(°C)	MAX. TIME (SECONDS)
215	90
230	60
245	30
260	15

ENGLISH / METRIC ENGLISH		CHECKED BY						
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS		DRAWN BY		A	12JUL07	KJR	DEV.	GEN. REV. PER 2702
		PBF		II	30MAR07	KJR	DEV.	INI. ISS. PER 2646
		ENGINEER		REV	DATE	BY	DCN No.	REMARKS
KJR								
ENGLISH (INCHES)		METRIC (MM)		SCALE		APPLIC:		
.XX ±.02 .XXX ±.01		.X ±.25 .XX ±.13		2:1		CERAMIC COAXIAL FILTER		
ANGLES ± 0° 30'		DATE		TITLE:				
		12JUL07		7BCR4B-3500/C300-L				
 COMNAV ENGINEERING INC.		FINISH: BOARD: NI/AU			DRAWING No.			SHEET/OF 1 1
		JACKET: NI/SILVER			0L0711			
		RESONATOR: SILVER						