



ELECTRICAL CHARACTERISTICS

CENTER FREQUENCY	1940 MHz
3dB BANDWIDTH	45 MHz nom.
PASSBAND	1930 - 1950 MHz
PASSBAND LOSS	≤ 1.5 dB
PASSBAND RIPPLE	< 0.2 dB MAX OVER ANY 1.23 MHz BANDWIDTH
VSWR	≤ 1.5:1
25 dB REJECTION	1830 - 1870 MHz
IMPEDANCE (OHMS)	50
OPERATING TEMP.	-40°C TO 85°C
PASSBAND GROUP DELAY VAR.	100 nsec MAX OVER ANY 1.23 MHz BANDWIDTH
MAX. INCIDENT POWER	+10 dBm

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ENGLISH / METRIC ENGLISH	CHECKED BY	B	14JUL05	PBF	DEV.	GEN. REV. PER 2405
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	A	09JUL01	RME	DEV.	GEN. REV. PER 1686
MACHINED SURFACES TO BE 125 / OR BETTER REMOVE ALL BURRS	ENGINEER	II	17MAY97	SWB	DEV.	INI. ISS. PER 0347
	KJR	REV	DATE	BY	DCN No.	REMARKS

ENGLISH (INCHES)	METRIC (MM)	SCALE	APPLIC:
.XX ±.02	.X ±.5	2:1	CERAMIC COAXIAL FILTER
.XXX ±.010	.XX ±.25	DATE	TITLE:
ANGLES ± 0° 30'		18JUL05	3BCR6B-1940/45-L

	FINISH:	DRAWING No.	SHEET OF
	BOARD: NI/AU PLATED COPPER JACKET: NI/SILVER RESONATOR: SILVER	0L0038	1 1

NOTES:
 FOR RECOMMENDED FOOTPRINT SEE FP0028.
 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