

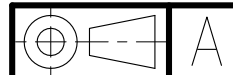
ELECTRICAL CHARACTERISTICS	
CHANNEL 1 (140 MHz)	
CENTER FREQUENCY:	140 MHz
1 dB PASSBAND:	120-160 MHz
PHASE LINEARITY:	±1.0 DEG MAX @ FO±15 MHz
RIPPLE:	<±0.1 dB
VSWR:	1.5:1 TYP.
INSERTION LOSS:	1.0 dB MAX
PASSBAND DELAY VARIATION:	3.0 NSEC MAX
REJECTION:	65 dB MIN @ 320 MHz
ULTIMATE REJECTION:	>65 dB MIN, >80 dB GOAL
IMPEDANCE:	50 OHMS
CHANNEL 2 (350 MHz)	
CENTER FREQUENCY:	350 MHz
1 dB PASSBAND:	330-370 MHz
PHASE LINEARITY:	±1.0 DEG MAX @ FO±15 MHz
RIPPLE:	<±0.1 dB
VSWR:	1.5:1 TYP.
INSERTION LOSS:	1.0 dB MAX
PASSBAND DELAY VARIATION:	2.5 NSEC MAX
REJECTION:	65dB MIN/80dB GOAL @ 170 MHz
ULTIMATE REJECTION:	>65 dB MIN, >80 dB GOAL
IMPEDANCE:	50 OHMS

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.

COPY



ENGLISH / METRIC ENGLISH	CHECKED BY						
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS	DRAWN BY PBF	II	06NOV12	KJR	DEV.	INI. ISS. PER 3598	
	ENGINEER KJR	REV	DATE	BY	DCN No.	REMARKS	
ENGLISH (INCHES) .XX ±.02 .XXX ±.010	METRIC (MM) .X ±.50 .XX ±.25	SCALE 2:1	APPLIC: CHIP AND WIRE FILTER				
ANGLES ± 0° 30'	DATE 09NOV12	TITLE: 14DBLC1-140/350-L					
FINISH: BOARD: NICKEL/GOLD JACKET: NICKEL/SILVER					DRAWING No. OL1323		SHEET OF 1 1

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