



**COPY**

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

ELECTRICAL CHARACTERISTICS	
CENTER FREQUENCY	385 MHz
3dB BANDWIDTH	80 MHz NOM
LOSS @ fo:	<1.5 dB
PASSBAND:	56 MHz MIN.
PASSBAND FLATNESS:	<1.2 dB
PASSBAND VSWR:	1.7:1
PASSBAND DELAY VAR.:	<12 nSec
REJECTION:	
435 MHz:	>40 dBc
471 MHz:	>60 dBc
300 MHz:	>60 dBc

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ENGLISH / METRIC ENGLISH		CHECKED BY						
TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY		A	04FEB03	MJG	DEV.	GEN. REV. PER 2028
MACHINED SURFACES TO BE 125/ OR BETTER		ENGINEER		II	14OCT02	MJG	DEV.	INI. ISS. PER 1964
REMOVE ALL BURRS		M/JG		REV	DATE	BY	DCN No.	REMARKS
ENGLISH (INCHES)		METRIC (MM)		SCALE		APPLIC: CERAMIC COAXIAL FILTER		
.XX ±.02		.X ±.25		2:1				
.XXX ±.010		.XX ±.13		DATE		TITLE: 8BCR6EC-385/Z80-L		
ANGLES ± 0° 30'		26NOV03		FINISH: JACKET: NI/SILVER		DRAWING No.		SHEET OF 1 1
COMNAV ENGINEERING INC.		RESONATOR: SILVER		BOARD: NICKEL/GOLD		010434		