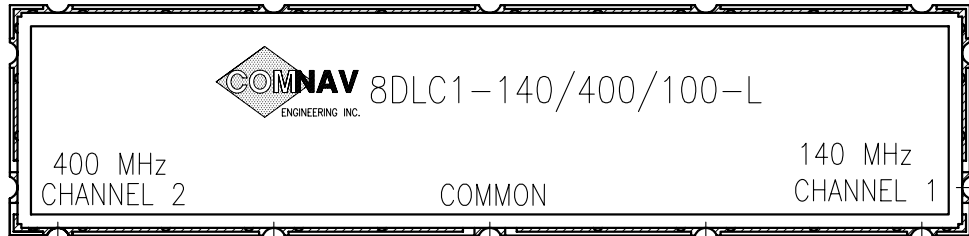
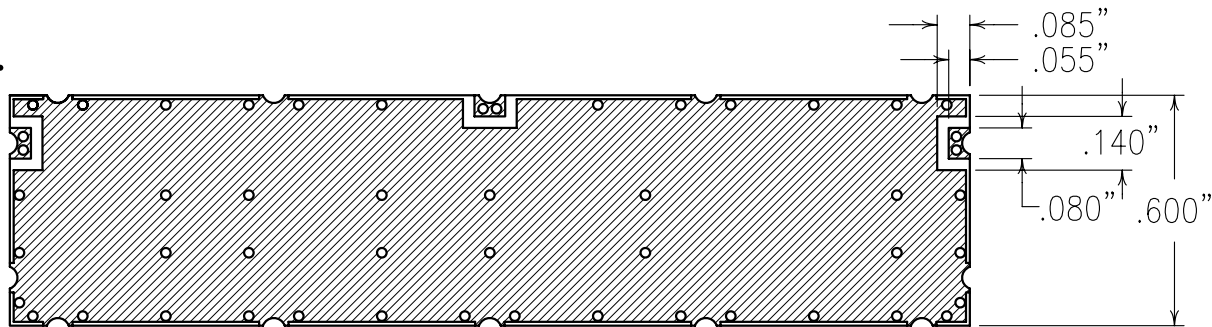
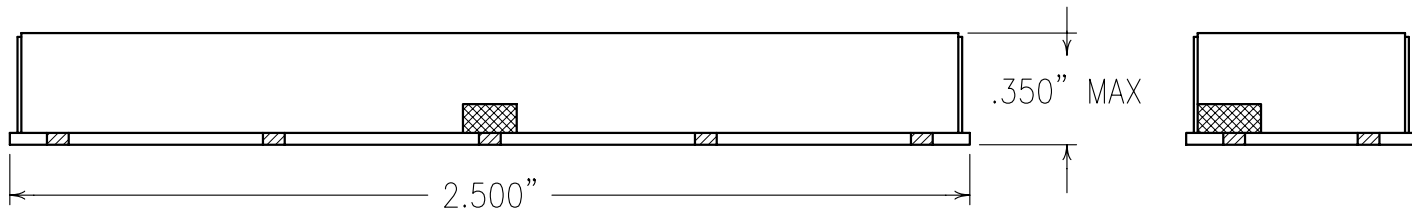


2

1

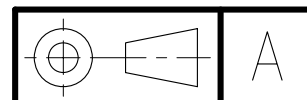


ELECTRICAL CHARACTERISTICS		
	CHANNEL 1	CHANNEL 2
Center Frequency	140 MHz	400 MHz
3.0 dB Bandwidth	140 MHz nom.	140 MHz nom.
1 dB PASSBAND	90-190 MHz	350-450 MHz
Ripple	<±0.1 dB	<±0.1 dB
VSWR	<1.5:1(1.2:1 GOAL)	<1.5:1(1.2:1 GOAL)
Insertion Loss	<1.0 dB	<1.0 dB
Delay Var.	<2 nsec	<2 nsec
Rejection	40dB @ 390MHz	40dB @ 150MHz
Impedance	50 ohms	50 ohms



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NOTES:

NO TIN PLATING UNDER SOLDER MASK.  
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

ENGLISH / METRIC ENGLISH	CHECKED BY				
TOLERANCES UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS	DRAWN BY PBF	II	19JAN99	SWB	DEV.
ENGLISH (INCHES) XX ±.02 .XXX ±.01	ENGINEER SWB	REV	DATE	BY	DCN No.
METRIC (MM) .X ±.25 .XX ±.13	SCALE 2:1	APPLIC: COAXIAL FILTER			
ANGLES ± 0° 30'	DATE 02MAR99	TITLE: 8DLC1-140/400/100-L			SHEET NO/OF 1 1
	MATERIAL: N/A	DRAWING No. 0L0158			
	FINISH: N/A				