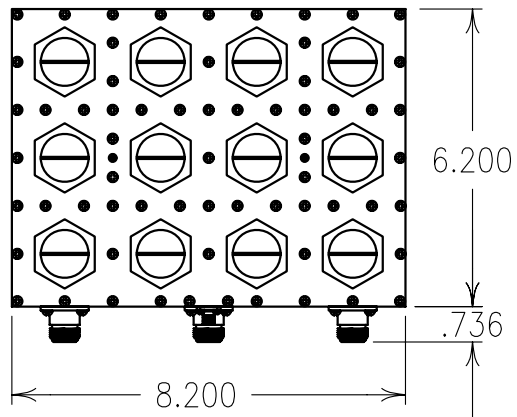
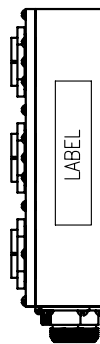


2

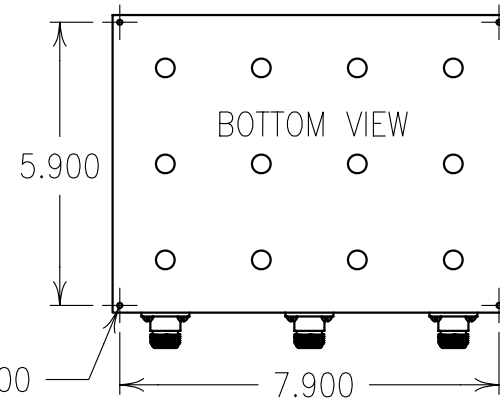
1



TOP VIEW

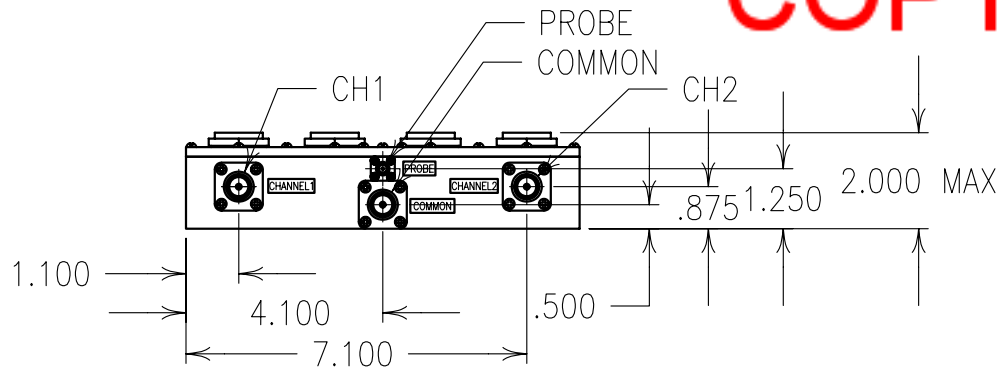


SIDE VIEW



BOTTOM VIEW

**COPY**



FRONT VIEW

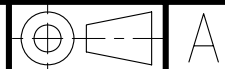
ELECTRICAL CHARACTERISTICS

	CHANNEL1	CHANNEL2
CENTER FREQ.(MHz)	2307.5	2352.5
PASSBAND(MHz)	2305.5-2309.5	2350.5-2354.5
PASSBAND LOSS(dB)	<1.5	<1.5
PASSBAND VARIATION(dB)	<1.0	<1.0
PASSBAND VSWR	<1.5:1	<1.5:1
REJECTION		
DC-2295,2320-2900 MHz(*)	>75 dB	
2295-2300,2315-2320 MHz	>50 dB(**)	
DC-2340,2365-2900 MHz(*)		>75 dB
2340-2345,2360-2365 MHz		>50 dB(**)

(\*) WAVEGUIDE MODES OCCUR AT ~3 GHz.  
 (\*\*) 55 dB GOAL

COUPLER: CAPACITIVE PROBE AT COMMON POINT WILL PROVIDE -30 dB COUPLING IN BOTH PASSBANDS.

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NOTES:

CH1, CH2 AND COMMON ARE ALL N-CONNECTORS. PROBE IS A SMA CONNECTOR.

ON LABEL: 12DCVC-2307.5/2352.5/C6/K-N/O  
 DC (WK/YR) - SN

ENGLISH / METRIC ENGLISH	CHECKED BY					
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY	A	14DEC00	KJR	DEV.	GEN. REV. PER 1420
MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS	ENGINEER	II	08SEP00	KJR	DEV.	INI. ISS. PER 1311
ENGLISH (INCHES)	METRIC (MM)	SCALE	APPLIC: CAVITY FILTER			
.XX ±.02	.X ±.25	1:4	TITLE: 12DCVC-2307.5/2352.5/C6/K-N/O			
.XXX ±.01	.XX ±.13	DATE	18DEC00			
ANGLES ± 0° 30'		MATERIAL: N/A	DRAWING No.		SHEET OF 1 1	
		FINISH: N/A	0L0281			