

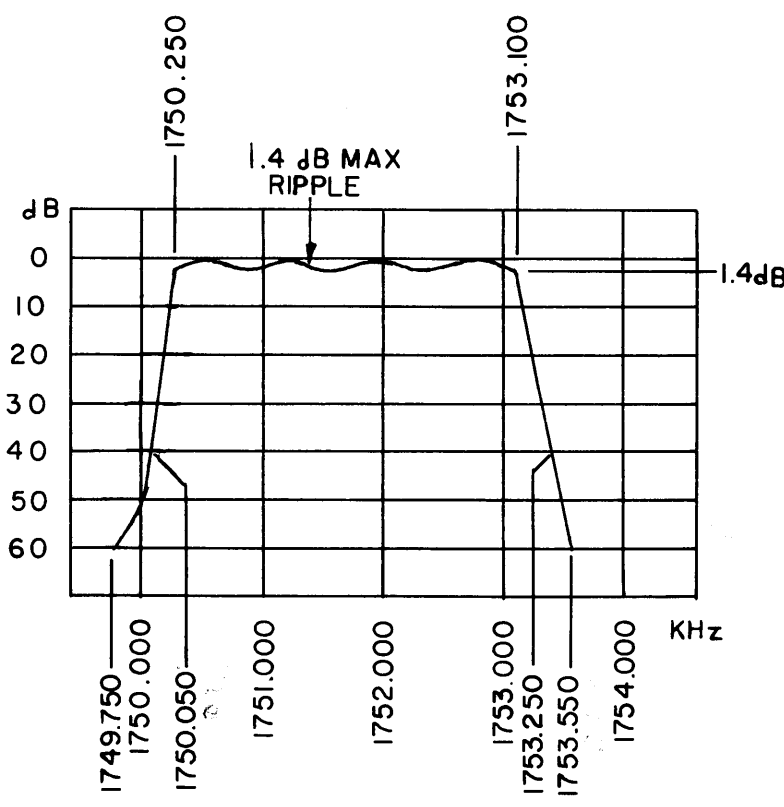
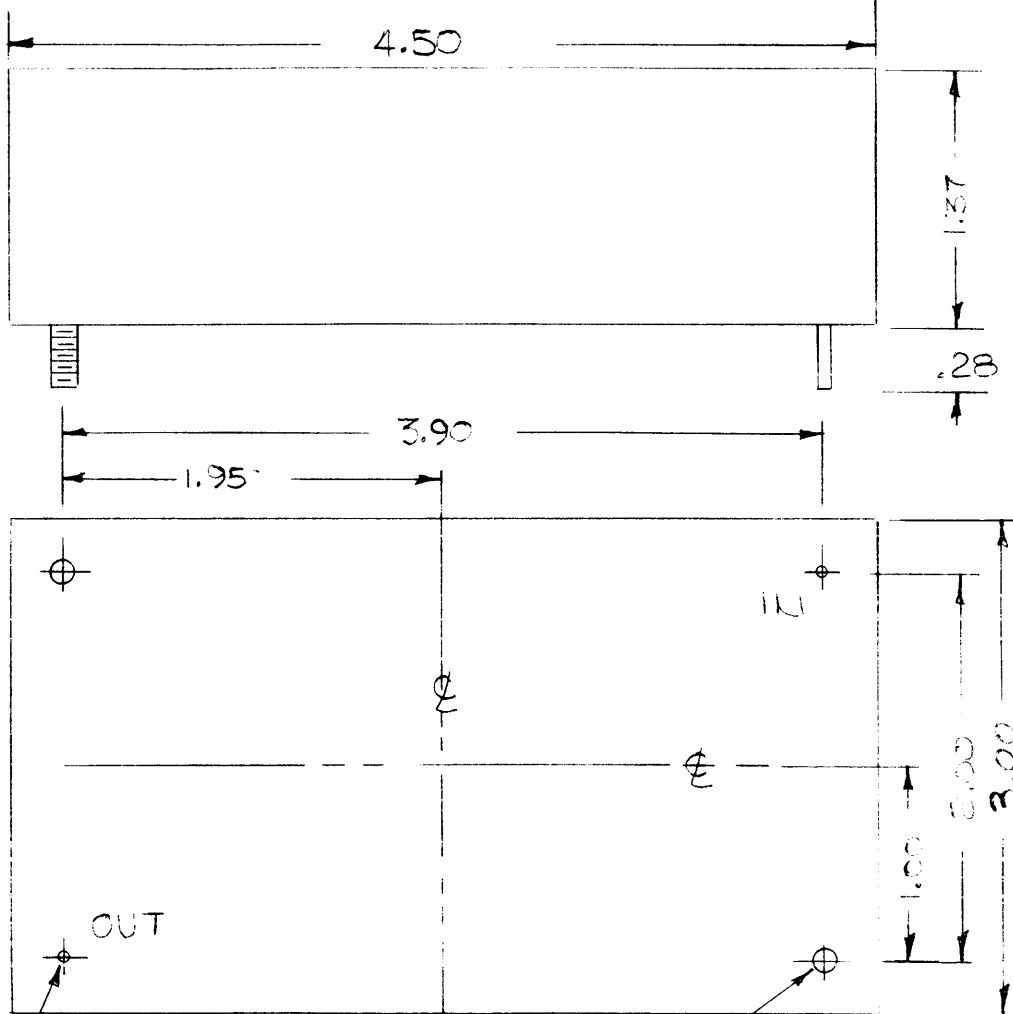
REVISIONS							
E.M.N. NO.	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
	PH			X		12-14-77	
	PH			X2	3.00 DIM WAS 2.60		
	PH			X3		4-4-78	

EQ 299
BANDPASS FILTER
CARRIER FREQUENCY 1750KHz

MARKING PROCESS: AS PER TMC SPECIFICATION S727
LETTERING: 1/8 HIGH BLACK GOTHIC, LOCATED AS SHOWN

SPECIFICATIONS

ELECTRICAL
TYPE: INNER, UPPER SIDEBAND
dB MEASUREMENTS: ALL dB MEASUREMENTS ARE RELATIVE TO MAXIMUM SIGNAL RESPONSE IN THE PASS BAND
CARRIER FREQUENCY: 1750 KHz
CARRIER SUPPRESSION: AT LEAST 50 dB
-1.4 dB POINTS: NOT HIGHER THAN 1750.250 KHz AND NOT LOWER THAN 1753.100 KHz
-60 dB POINTS: 1749.750 KHz AND 1753.550 KHz
MAXIMUM PASSBAND RIPPLE: 1.4 dB
INSERTION LOSS OR GAIN: 6 dB MAXIMUM
INPUT IMPEDANCE: 500 OHMS
OUTPUT IMPEDANCE: 500 OHMS
TEMPERATURE RANGE: 0° C TO +70° C
ENVELOPE DELAY DIST. LESS THAN:
8 ms WITHIN 300 Hz AND 3020 Hz (ABSOLUTE DELAY)
1000 μs WITHIN 400 Hz AND 3000 Hz
500 μs WITHIN 600 Hz AND 2900 Hz
150 μs WITHIN ANY 100Hz STEP FROM 400 Hz TO 3050 Hz
600 μs WITHIN 300 Hz AND 400 Hz
3 ms WITHIN 3050 Hz AND 3150 Hz



MECHANICAL
CASE: STEEL, HERMETICALLY SEALED

NOTE: CHANNEL DESIGNATION REFERS TO 1.75 MHz. FURTHER SIDEBAND INVERSIONS MUST BE TAKEN INTO ACCOUNT IN DETERMINING THE FINAL CHANNEL DESIGNATION.

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
BANDPASS FILTER CHANNEL A1 (EQUALIZED)				
FINAL APPROVAL	DATE			
MECH. DES.	DATE			
ELECT. DES.	DATE			
CHECKED	DATE			
DRAWN	DATE	PH	11-14-77	
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	EQ299	X3	
SCALE	Full	SHEET	OF	

QTY / UNIT	MODEL USED ON	ASS'Y NO.
	CMR-4B	
APPLICATION		
	CODE	
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0° -30'
MATERIAL	
FINISH	