

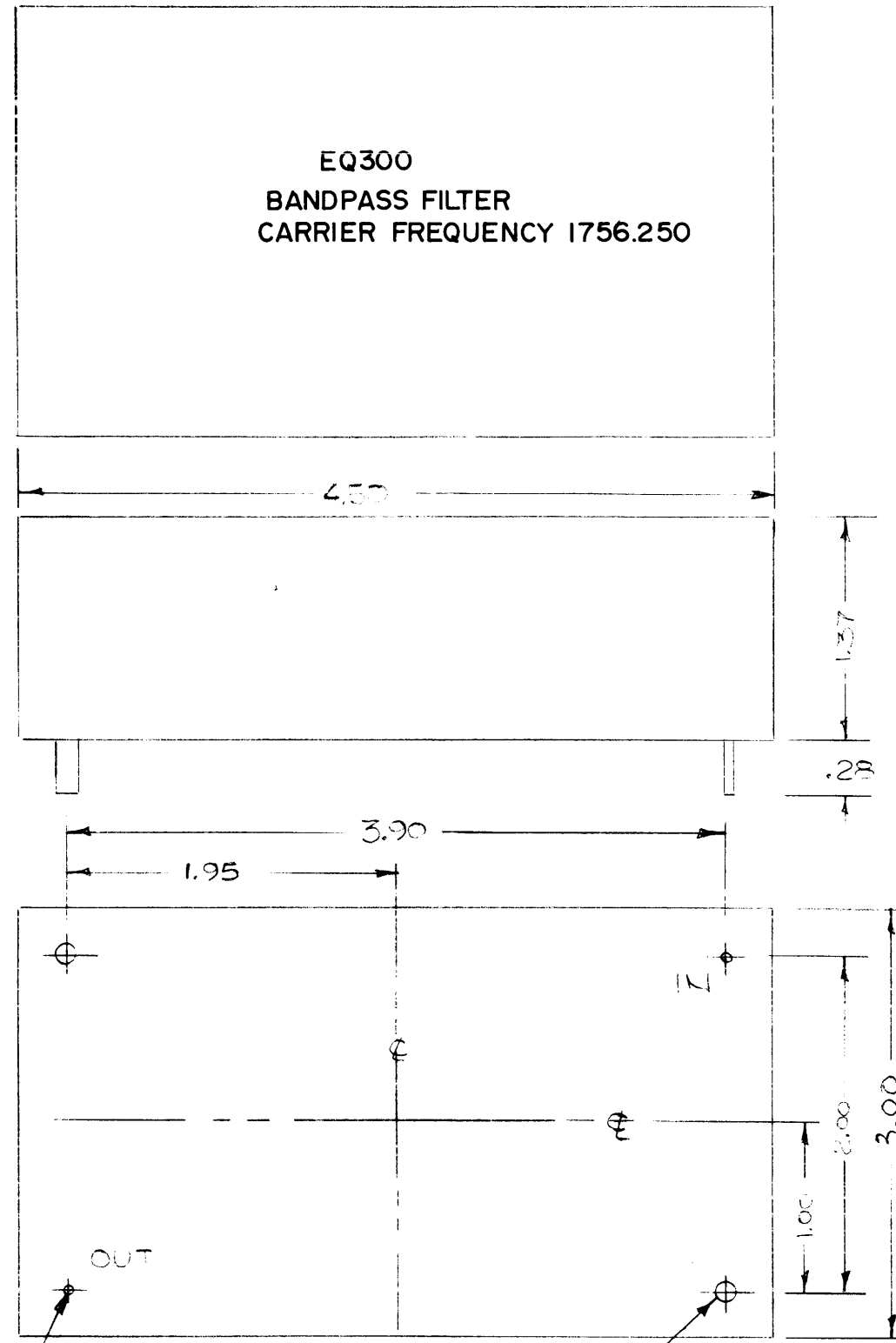
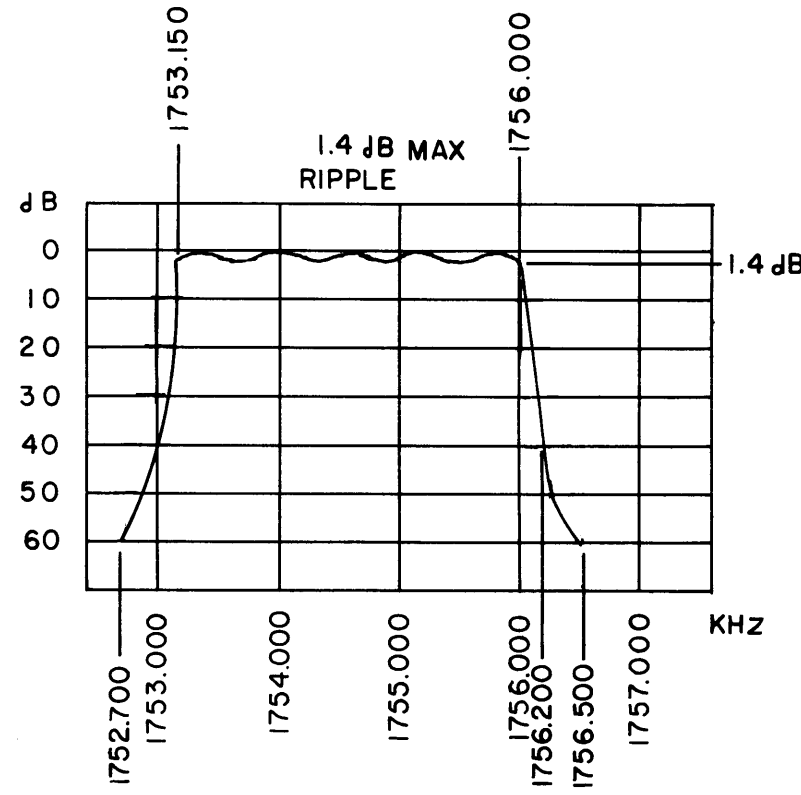
REVISIONS							
E.M.N. NO.	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
	PH			X1		12-14-77	
	PH			X2	REV CASE ALL SPEC	1-2-78	
	PH			X3	3.00 DIM WAS 2.60	4-4-78	

EQ300
BANDPASS FILTER
CARRIER FREQUENCY 1756.250

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

SPECIFICATIONS

ELECTRICAL:
 TYPE: OUTER, UPPER SIDEBAND
 dB MEASUREMENTS: ALL dB MEASUREMENTS ARE RELATIVE TO MAXIMUM SIGNAL RESPONSE IN THE PASS BAND
 CARRIER FREQUENCY: 1756.250 KHz
 CARRIER SUPPRESSION: AT LEAST 50 dB
 -1.4 dB POINTS: NOT HIGHER THAN 1753.250 KHz AND NOT LOWER THAN 1755.940 KHz
 -60 dB POINTS: 1753.040 KHz AND 1756.310 KHz
 MAXIMUM PASSBAND RIPPLE: 1.4 dB
 INSERTION LOSS OR GAIN: 6dB 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 3000Hz
 500 μs WITHIN 600 Hz AND 2900 Hz
 150 μs WITHIN ANY 100 Hz STEP FROM 400 Hz TO 3050 Hz
 600 us WITHIN 300 Hz AND 400 Hz
 3 μs 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 A2 (EQUALIZED)				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	EQ300	X3	
SCALE	FULL	SHEET	OF	

QTY / UNIT	MODEL USED ON	ASS'Y NO.
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	

FINAL APPROVAL	DATE
MECH. DES.	DATE
ELECT. DES.	DATE
CHECKED	DATE
DRAWN PH	DATE 11-14-77