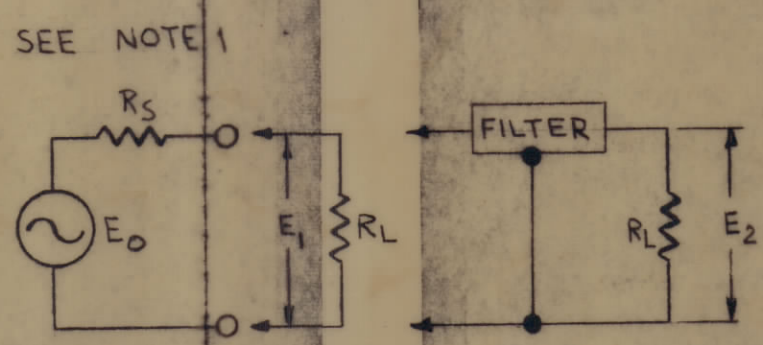
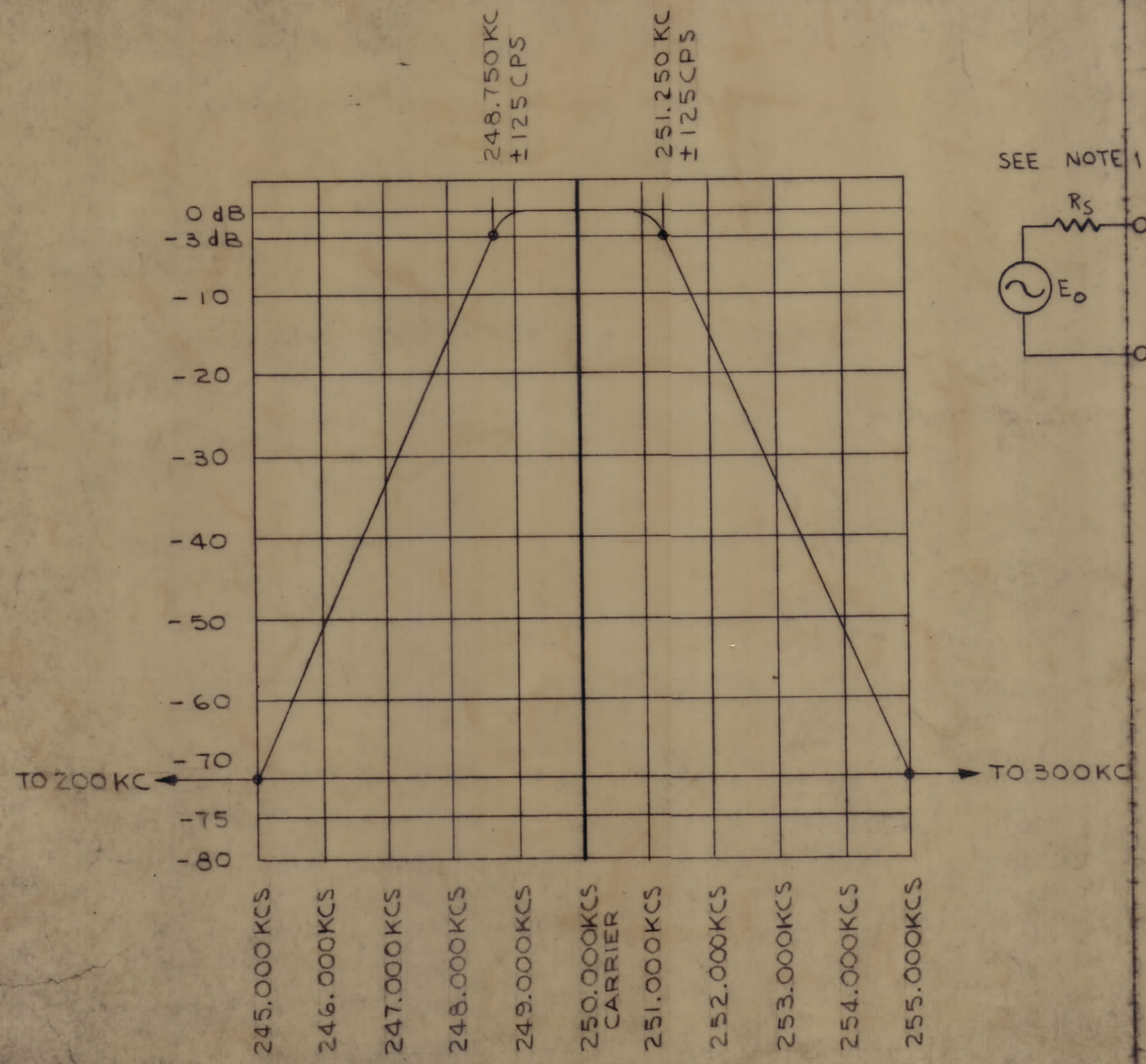
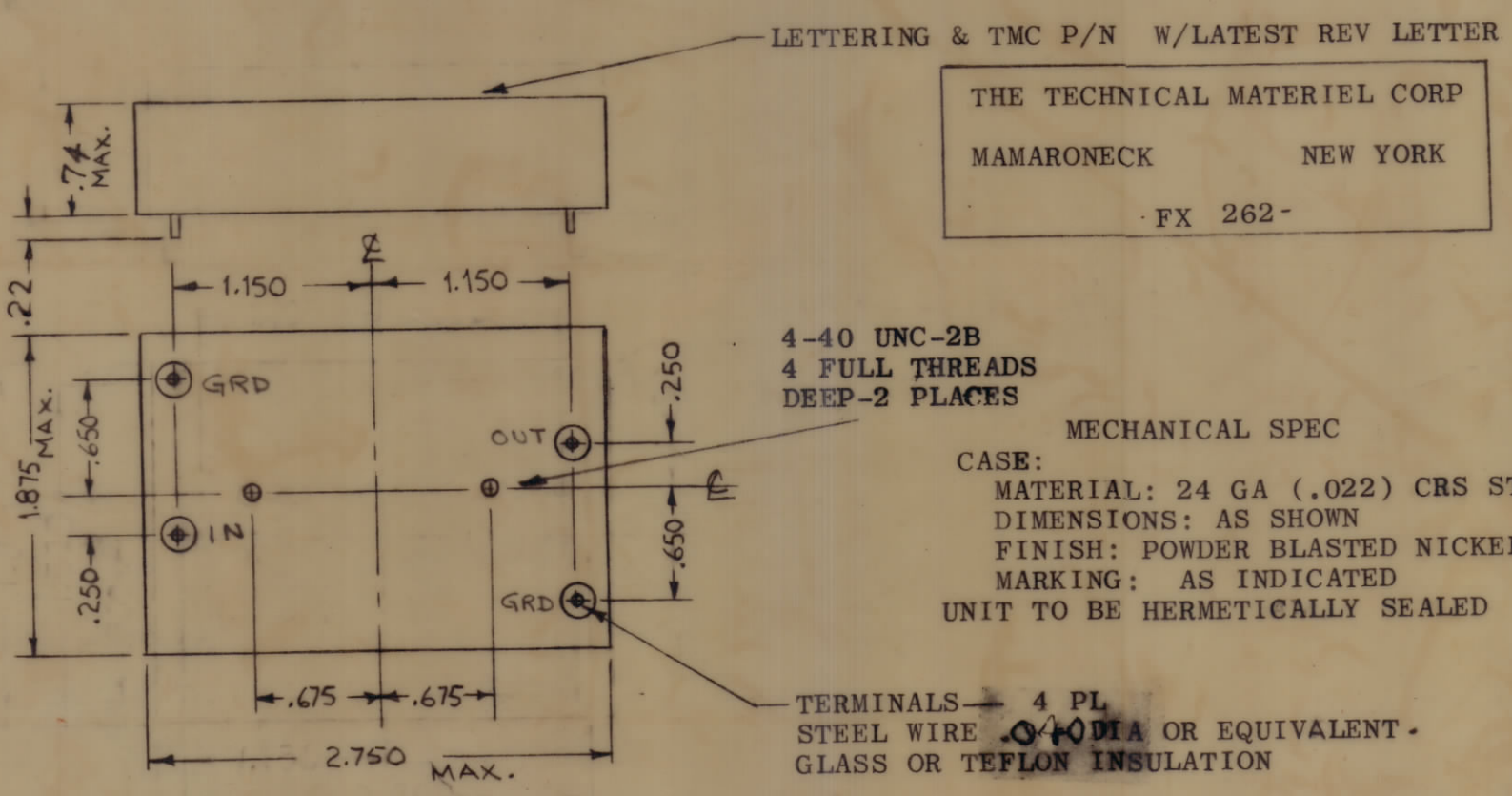


REVISIONS						
SYM	ZONE	DESCRIPTION	DATE	E.M.N.O.	DRAFT	CHKD APPD
X		EXPERIMENTAL RELEASE	10/3/66	X		
X ₁		SPECS. ADDED & REVISED	10/19/66	X ₁	RME	
X ₂		COMPLETELY REVISED	11-22-66	X ₂	RME	
Q		ORIGINAL RELEASE FOR PRODUCTION	11-23-66		WFW	
A		DELETED "STAINLESS STEEL STUDS"	12-9-66	17427	RME	
B		ON SPEC. 7, "200.00 KC" WAS "2000.000"; SPEC 9, dB WAS "60".	4.4.67	18077	WFA	
C		.74 DIM WAS .670 .22 STEEL DIM DIM WAS .120 .040 GAUGE DIA WAS .030	12869	19219	9E	



- SPECIFICATIONS**
- TYPE: SYMMETRICAL 2.5 KCS
 - dB MEASUREMENTS: ALL dB MEASUREMENTS ARE RELATIVE TO MAXIMUM SIGNAL RESPONSE IN THE PASSBAND
 - 3dB POINTS: 248.750 KCS ±125 CYCLES AND 251.250 KCS ±125 CYCLES
 - 70dB POINTS: NOT LESS THAN 245 KCS AND NOT MORE THAN 255 KCS.
 - INSERTION LOSS 6 dB MAX
 - SOURCE AND LOAD IMPEDANCE: 500 ±50 OHMS
 - ALL SPURIOUS RESPONSES AT LEAST 70 dB DOWN FROM 200.00. KC TO 245.000 KC AND 255 KC TO 300 KC; AT LEAST 60 dB DOWN FROM 300 KC TO 5000 KC
 - OPERATING TEMPERATURE: 0° TO 65°C
 - THIRD ORDER, IN-BAND INTERMODULATION DISTORTION WILL BE AT LEAST 65 dB DOWN FROM THE REFERENCE LEVEL OF EITHER OF TWO EQUAL 100 mv TONES IN THE FILTER PASSBAND, SELECTED IN A MANNER SUCH THAT THE THIRD ORDER PRODUCT-FALLS IN THE FILTER PASSBAND
 - MAXIMUM SIGNAL INPUT: 3 VOLTS rms
 - NON-OPERATING TEMP RANGE: -62°C TO +75°C
 - PEAK SHOCK CAPABILITY: 20 G WITHIN A PERIOD OF 10 MILLISECONDS, APPLIED ALONG THREE MUTUALLY PERPENDICULAR AXES
 - VIBRATION CAPABILITY: 5 CPS TO 50 CPS AT AN AMPLITUDE OF 1.3 G
 - RIPPLE: 0.5 dB MAXIMUM BETWEEN 249.375 KCS & 250.625 KCS
- NOTE 1 INSERTION LOSS IS DEFINED AS 20 LOG A, WHERE $A = \frac{E_1}{E_2}$
 R = SOURCE IMPEDANCE E₀ IS FIXED AT ANY FREQUENCY IN THE PASSBAND OF THE FILTER

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



MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.

QTY REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
HOGAN BILL OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES		FINAL APPROVAL	DATE	
±1/64	±.005	MECH. DES.	DATE	
	± 1/2°	ELECT. DES.	DATE	
MATERIAL		CHECKED	DATE	
FINISH		DRAWN	DATE	
		APPROVED FOR BUSHIPS		
CONTRACT NO.		CODE	SIZE	DWG. NO.
		82679	C	FX262
		SCALE		SHEET OF
				C