

A-337 C

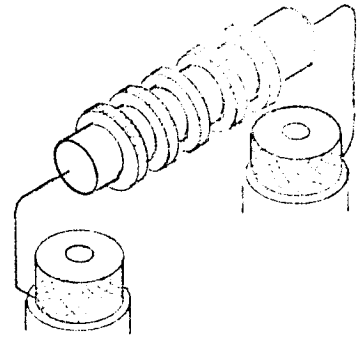
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
X-337 T15-1		A-337	11/20/53

OBSOLETE
REPLACED BY
CL 265



Coil Form- H. L. Crowley Pigtail.
Coil Form #3334. 1/4 Diam. X 1-3/4 Long.
(TMC Part CI-102-1)

WINDING:

- First four pies-40 turns each.) Counter must not
- Fifth pie-33 turns.) be reset.
- Total number of Turns-193.) Peel turns from last
-) coil to trim to ind.
-) above.

UNIVERSAL WINDING:

- Gears (Driver-81
- (Can-86

Can Width- 1/8
Wire- #34 D.S.C. WI-107-15

NOTES:

1. Use spotting cement where necessary.
2. Bake coil out for 30 minutes at 100° C.
3. Paint coil with insul-X-U-85 and bake 1 hour at 100° C.

NOTE:

Lead length between coil and Q meter terminals shall be 1" and coil shall be elevated directly over terminals.

Inductance must be calibrated against the supplied standard +1% at 790 Kc.

Q must be greater than 100.

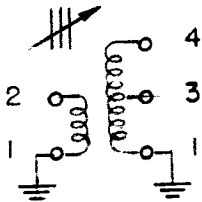
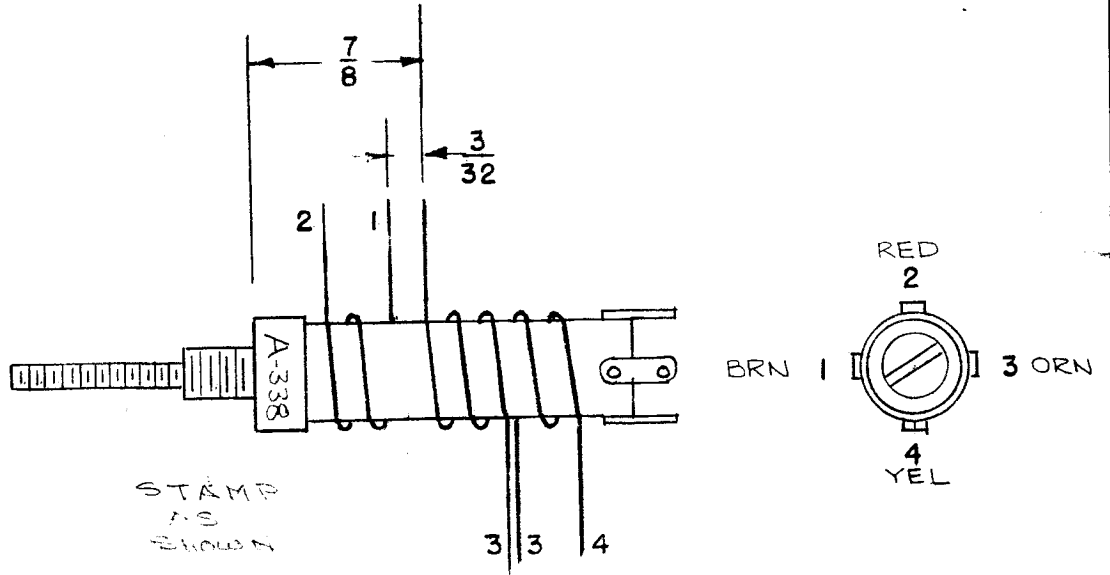
Nominal Inductance: 250 uH

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	2	WT107-15	WIKE, D.S.C	
1	1	CI102-1	FORM, COIL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE				
			200 KC OSC,	
MATERIAL		WEIGHT PER PC.		
			Coils L1-L2 Inductor Fixed	
TYPE & TEMPER				
HEAT TREAT. SPEC.				
FINISH & SPEC. NO.				

C	OBSOLETE REPLACED BY CL456		10/27/53	20051	W			
ISSUE	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.		
TOLERANCES		SCALE						
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.						

A-337 C

A-338-C



WINDING 1-3, 19 TURNS OF # 30 DSC
 WINDING 3-4, 11 TURNS OF # 30 DSC
 WINDING 1-2, 7 TURNS OF # 30 DSC

WI107-11

NOTES:

1. ALL WINDINGS ARE SINGLE LAYER TIGHT WOUND SOLENOIDS.
2. USE SPOTTING CEMENT WHERE NECESSARY.
3. BAKE COIL OUT FOR 30 MINUTES AT 100° C.
4. PAINT COIL WITH INSULX-U-85 AND BAKE 1 HOUR AT 100° C.

Test Data - Q Meter

Winding	Freq. MC	Slug Pos.	Ind. micro Henrie ±10%	cap mmf	Q min.
1-4	7.9	Min L	9.5	43	120
1-3	7.9	Min L	5	82	90
1-4	2.5	Max L	16.5	246	90
1-2	7.9	Min L	1.2	336	65

Coil Form CTC-LS4. Form With #20063K (Med. freq.) Slug. TMC PART CF-106-1

USED ON A-684 Page 3

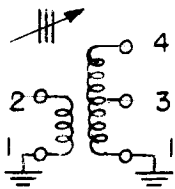
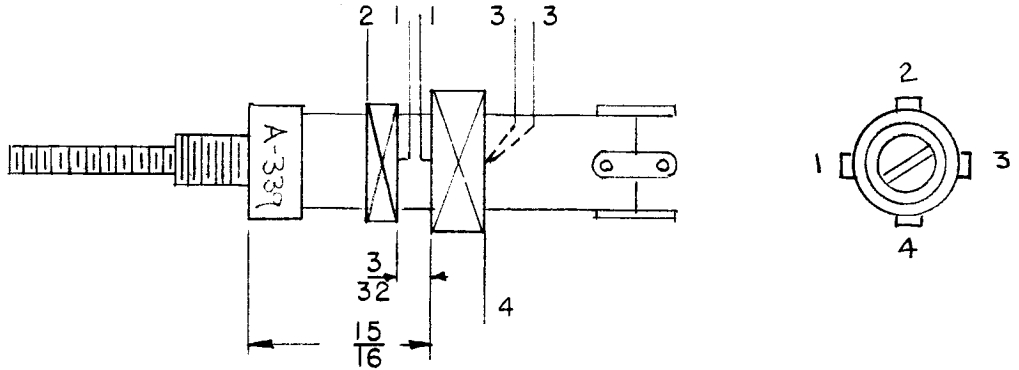
* Min L is when slug is as close to the mounting base as possible.

SUPERCEDES AEM 007

REV.-C WI107-11 ADDED 10/19/66 whw
 REV.-B PNG UPDATED - 11/14/68 - 10421 KIC
 REV.-A NOTE 5 ADDED - 10/14/63 - 10176 - JWB

DATE	6-15-51	T-1	THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK		
DRN.	<i>[Signature]</i>				
CHKD.	<i>[Signature]</i>				
APPD.	<i>[Signature]</i>				
MODEL		XFK	SHEET	OF	NO. A-338

A-339-D



WINDING 1-3, 45 TURNS W1104-⁵/₄-SCQS UNIVERSAL WINDING
 WINDING 3-4, 20 TURNS W1104-⁵/₄-SCQS DOUBLE CROSS OVER
 WINDING 1-2, 15 TURNS W1104-⁵/₄-SCQS
 GEARS { DRIVER - 87
 CAM - 43

CAM WIDTH .1/8
 WIRE - W1104-⁵/₄-SCQS

NOTES:

1. USE SPOTTING CEMENT WHERE NECESSARY.
2. BAKE COIL OUT FOR 30MINUTES AT 100° C.
3. PAINT COIL WITH INSULX-U-85 AND BAKE 1 HOUR AT 100° C
4. INDUCTANCE TOLERANCE ±10%

USED ON
 A-684 Page 3

Coil Form - CTC - LSA Form With # 20063K (Med. Freq.) Slug.
 TMC PART CF-106-1

SUPERCEDES
 AEM 008

Test-Data Q-Meter

Winding	Freq. Mc	Slug. Pos.	Ind. Micro Henrie	Cap mmf	Q
1-4	2.5	Min L	<110	40	45
1-3	2.5	Min L	<52	86	45
1-2	10	Min L	-	54	20
1-4	.79	Max L	>117	312	90

* Min L is when slug is as close to mounting base as possible.

DATE 6-15-51
 DRN. *ASD*
 CHKD. *62*
 APPD. *[Signature]*

1-2
 MODEL XFK

THE TECHNICAL MATERIEL
 CORPORATION
 MAMARONECK, NEW YORK

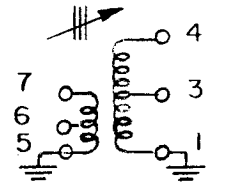
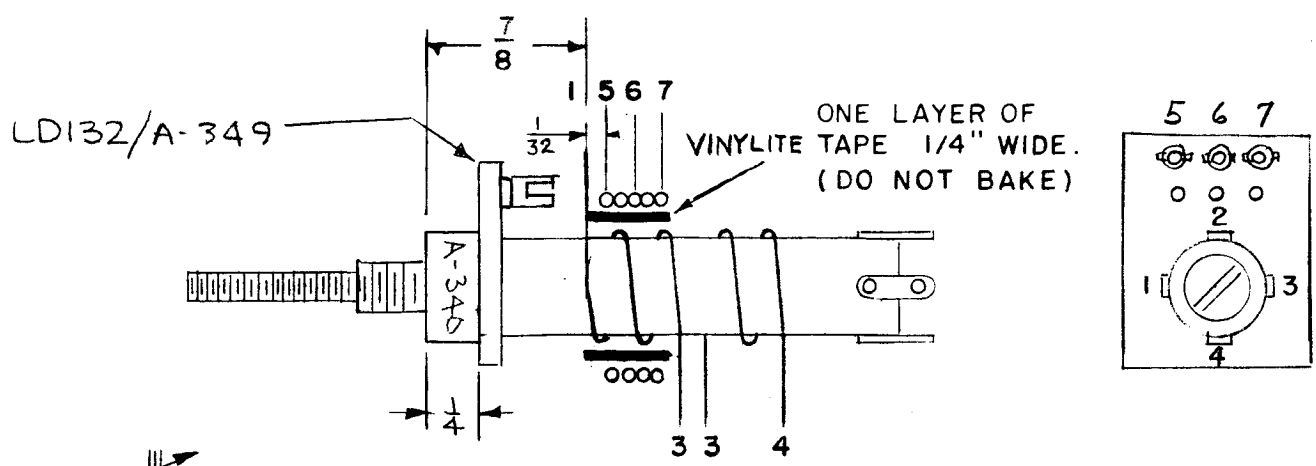
SHEET OF NO. A-339 D

REV. D - IND. ON CHART WAS 101.47-130. 4-29-66
 REV. C - WIRE CHNG. TO W1104-⁵/₄-SCQS 3.31.64
 REV. B - DEL. PART OF NOTE 4 1-14-64
 REV. A - NOTE 4 ADDED 10.14.63 10182

16169
 11146
 10734
 10182

A-339-D

A-340-D



WINDING 1-3, 20 TURNS OF #30 DSC
 WINDING 3-4, 11 TURNS OF #30 DSC
 WINDING 5-6, 9 TURNS OF #36 DSC
 WINDING 6-7, 9 TURNS OF #36 DSC } WI 107-11

1. ALL WINDINGS ARE SINGLE LAYER TIGHT WOUND SOLENOIDS.
2. WIND 1-3, 3-4, FIRST THEN FOLLOW NOTES 3,4,5.
3. USE SPOTTING CEMENT WHERE NECESSARY.
4. BAKE COIL OUT FOR 30 MINUTES AT 100° C.
5. PAINT COIL WITH INSULX-U-85 AND BAKE 1 HOUR AT 100° C.
6. APPLY TAPE, WIND 5-6, 6-7. THEN COAT WITH MAAS & WALDSTEIN 45 INSULATING LACQUER AND AIR DRY.

Coil form CTC-LS4 Form With
 #20063K (Med. Freq.) Slug.
 TMC PART CF-106-1

USED ON A-684 Pg 3

SUPERCEDES
AEM 009

* Min L is when slug is as close to the mounting base as possible.

Test Data Q-Meter

Winding	Freq. Mc.	slug Pos.	Ind. Micro Henrys ±10%	Cap mmf	Q min.
1-4	7.9	Min L	9.8	42	120
1-3	7.9	Min L	5.2	79	90
6-5	7.9	Min L	2.0	203	25
6-7	7.9	Min L	2.0	208	25
1-4	2.5	Max L	16.8	242	96

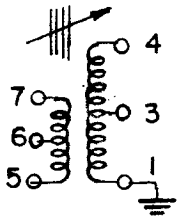
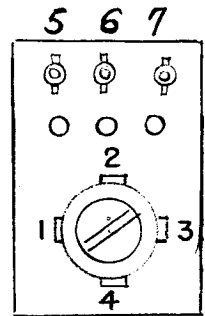
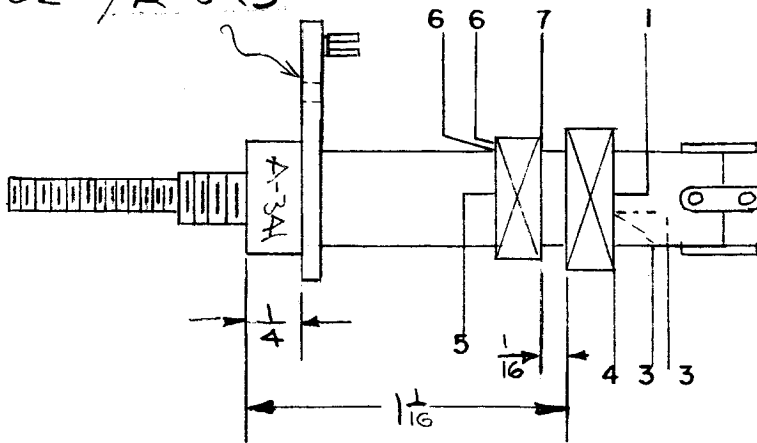
DATE	6-15-51	T-3	THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK		
DRN.	A. J. J.		MODEL XFK	SHEET	OF
CHKD.	EJ				
APPD.	A. J. J.			D	

REV. D W197-A ADDED; AMS 128 DEL. 10-18-66 17064
 REV. - C Q ON WINDINGS 6-5, 6-7 WAS 354-8-64/10789 A.J.J.
 REV. - B NOTE 7 DEL. DWG UPDATED 11/14/63-100 10421-MIT
 REV. - A NOTE 7 ADDED 10/14/63-10183-100

A-340-D

A-341-F

LD132 / A-349



WINDING 1-3, 42 TURNS W1104-5/41-SC-QS
 WINDING 3-4, 18 TURNS W1104-5/41-SC-QS
 WINDING 5-6, 21 TURNS W1104-5/41-SC-QS
 WINDING 6-7, 21 TURNS W1104-5/41-SC-QS

UNIVERSAL WINDING
 DOUBLE CROSS OVER
 GEARS { DRIVER - 87
 CAM - 43
 CAM WIDTH - 1/8"
 WIRE - W1104-5/41-SC-QS

NOTES:

1. USE SPOTTING CEMENT WHERE NECESSARY.
2. BAKE COIL OUT FOR 30 MINUTES AT 100° C.
3. PAINT COIL WITH INSULX-U-85 AND BAKE 1 HOUR AT 100° C.
4. NUMBER OF TURNS IS APPROXIMATE

Coil form CTC - LSA form with
 # 20063K (Med. freq.) slug.
 (TMC PART CF-106-1)

**SUPERCEDES
 AEMO10**

USED ON
 A-684

D.C. Resistance of 1-4 is 2.75 ohms

* Min L is when slug is as close to the mounting base as possible.

Test Data Q-Meter

Wind.	Freq MC	Slug Pos.	IND. MICRO HENRI	cap mmf	Q ±5%
# 1-4	2.5	Min L	<90	50	54
1-3	2.5	Min L	<44	103	50
6-5	2.5	Min L	<11.7	386	50
6-7	2.5	Min L	<12.0	373	36
1-4	.790	Max L	>100	373	95

10.18.66 DATE
 17064 CH. NO.
 DRAFTS
 WND
 CHECKER
 ENG. APP.
 DESCRIPTION
 W1107-11 ADDED
 LD132 ADDED
 F .SYM

DATE	6-18-51	T - 4	THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK	
DRN.	JATDe			
CHKD.	by			
APPD.	by			
MODEL XFK		SHEET	OF	NO. A-341 F

A-341-F

A-342-J

WA-109-34
#6 Fibre Washer
1/32 Thick
8 Req.

SCBP0632 BNG
(3/8-6-32)
4 Req.

SC106-1
6-32 SPADE
BOLT 1/4 THD
2 REQ.

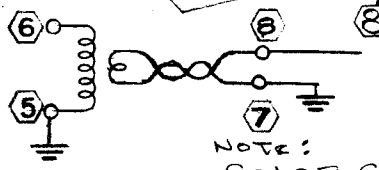
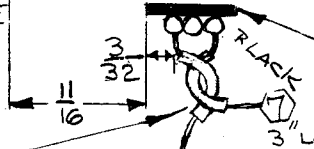
STAMP AS
SHOWN

PX830-22-1
USE ON
SECONDARY
LEADS BEFORE
TWISTING
TOGETHER

TE-104-2
#6 Shakeproof Lug
2 Req.

NTH0632 BNG
6-32 NUTS
4 Req.

1 LAYER OF VINYLITE
TAPE 1/4" WIDE (TA-161-2)



WINDING 5-6, 15 1/2 TURNS OF 20 DSG (WI-107-1)
WINDING 7-8, 2 TURNS OF 20 DSG WOUND IN SAME
DIRECTION AS WINDING 5-6

NOTE:
COLOR CODE Lead #7
AS SHOWN (BLACK)

1. ALL WINDINGS ARE SINGLE LAYER TIGHT WOUND SOLENOIDS
2. WIND 5-6 FIRST, THEN FOLLOW NOTES 3,4,5
3. USE SPOTTING CEMENT WHERE NECESSARY.
4. BAKE COIL OUT FOR 30 MINUTES AT 100 C
5. PAINT COIL WITH INSULX-U-85 AND BAKE 1 HOUR AT 100 C
6. APPLY TAPE, WIND 7-8. THEN COAT WITH MAAS & WALDSTEIN 45 INSULATING LACQUER AND AIR DRY.

Coil form - National XR-16 (TMC PART CF-108)
1/4 OD x 2 3/8 Long.

NOTE:
USED ON ASSY-A-752

J	PX830-22-1 ADDED	8-20-67	H.G.
H	SC & NTP. NOS REVISED	10-18-66	WHD
G	ON TEST DATA CHART ADDED #1090	12-17-64	HLA
F	WI-107-1 WAS WI-107-7	11/14/63	ED
E	#7 Lead COLOR CODED BLACK	4/28/58	A.P.
D	HARDWARE CLARIFIED	10/17/56	
C	STAMPING ADDED	6-3-54	
B	Test Data Added	6-12-52	
A	Winding 5-6 Was 17 1/2 Turns	1/24/52	27
Sym	Description	Date	App

Test Data Q-Meter

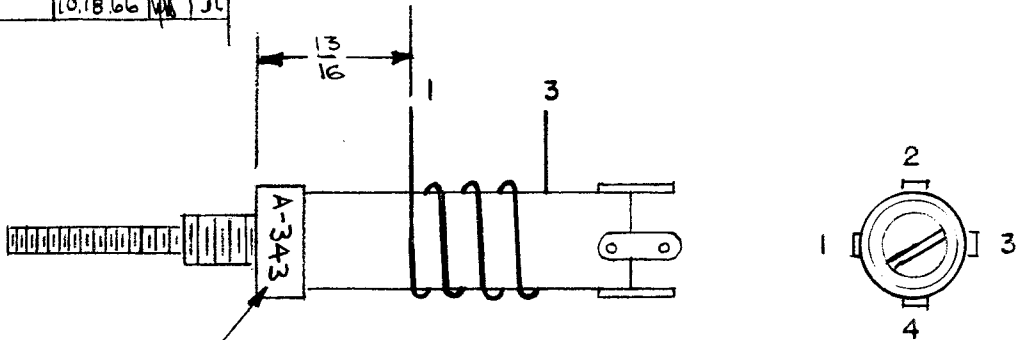
Wind	Freq MC	slug Pos.	±10% Ind. Micro Henry	Cap mmf	Q
5-6	7.9	Air	9.2	45	160
7-8	25	Air	.75	40	25

SUPERCEDES AEM 011-B

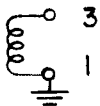
DATE	6-18-51	MAIN SECTION OF T5	THE TECHNICAL MATERIEL CORPORATION	
DRN.	AAWe		MAMARONECK, NEW YORK	
CHKD.	69		SHEET	OF
APPD.	69		NO.	A-342 J
		MODEL	XFK	

A-343-B

SYM	DESCRIPTION	DATE	APP
A	STAMPING ADDED	6/3/54	JL
B	WI107 ADDED	10/18/66	JL



STAMP AS SHOWN



WINDING 1-3, 9 TURNS OF #20 DSC (WI107-1)

1. ALL WINDINGS ARE SINGLE LAYER TIGHT WOUND SOLENOIDS,
2. USE SPOTTING CEMENT WHERE NECESSARY.
3. BAKE COIL OUT FOR 30 MINUTES AT 100° C.
4. PAINT COIL WITH INSULX-U-85, AND BAKE 1 HOUR AT 100° C.

Coil Form - CTC-LSA Form With
 #20063K (Med freq.) Slug.
 TMC Part CF-106-1

NOTE:
 USED ON ASSY A-752

Test Data - Q-Meter

Wind.	Freq MC	slug ★ POS	Ind. Micro Henrie	Cap mmf	Q
1-3	7.9	Min L	1	405	90
1-3	7.9	Max L	1.7	240	95

* Min L is when slug is as close to the mounting base as possible.

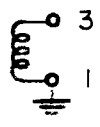
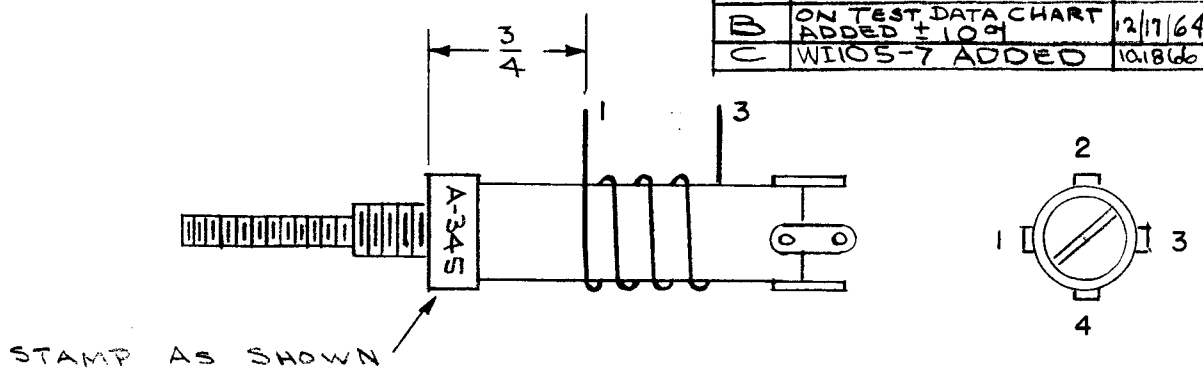
SUPERCEDES AEM 012

DATE 6-18-51	TUNING SECTION OF T5	THE TECHNICAL MATERIEL CORPORATION		
DRN. <i>[Signature]</i>				MAMARONECK, NEW YORK
CHKD. <i>[Signature]</i>		SHEET	OF	
APPD. <i>A.S.J.</i>		MODEL XFK		B

A-343-B

A-345-C

SYM	DESCRIPTION	DATE	APP
A	STAMPING ADDED	6/3/54	
B	ON TEST DATA CHART ADDED ± 10%	12/17/64	HLR
C	WI105-7 ADDED	10.18.66	490/83



WINDING 1-3, 35 TURNS OF # 24 DSC (WI107-5)

NOTES

1. ALL WINDINGS ARE SINGLE LAYER TIGHT WOUND SOLENOIDS.
2. USE SPOTTING CEMENT WHERE NECESSARY.
3. BAKE COIL OUT FOR 30 MINUTES AT 100 C.
4. PAINT COIL WITH INSULX-U-85 AND BAKE 1 HOUR AT 100° C.

Coil Form - CTC - LSA Form With
 # 200 G3K (Med. Freq.) Slug.
 TMC Part of-106-1

NOTE
 USED ON Assy A-753

Test Data Q-Meter

Wind	Freq MC	slug Pos. *	± 10% Ind. Micro Henrie	Cap mmf	Q
1-3	7.9	Min L	7.4	55	145
1-3	7.9	Max L	12.1	34	100

* Min L is when slug is as close to the mounting base as possible.

SUPERCEDE AEM 014

DATE 6-18-51	TUNING SECTION OF T6	THE TECHNICAL MATERIEL CORPORATION		
DRN. <i>FAW</i>				MAMARONECK, NEW YORK
CHKD. <i>eg</i>		SHEET	OF	
APPD. <i>eg</i>		MODEL XFK		

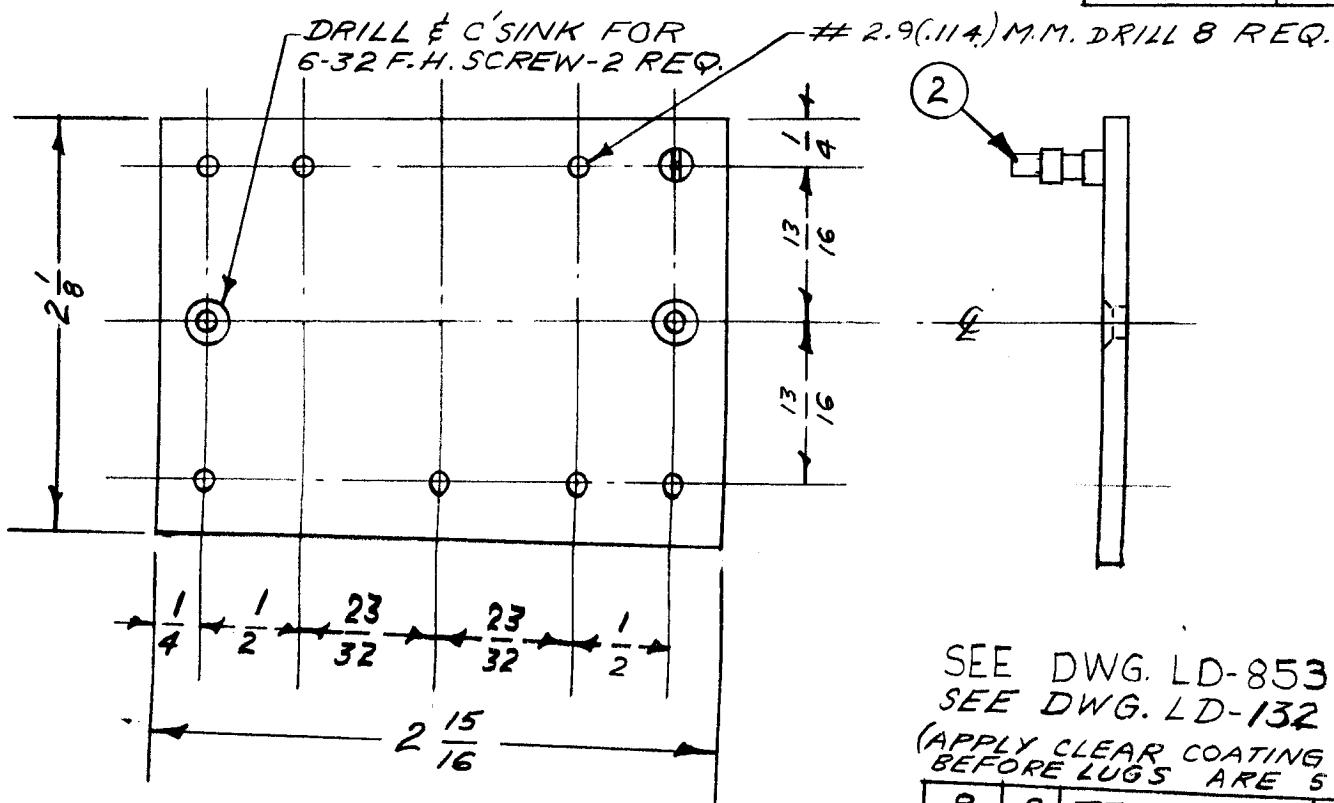
A-345-C

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-348 C

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON				
AMT. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	XFK		A-628	2-18-54
1	TIS-3			11-15-60



SEE DWG. LD-853 (TIS)
SEE DWG. LD-132 (XFK)
(APPLY CLEAR COATING FUNGICIDE OVER SCREENING BEFORE LUGS ARE STAKED.)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
8	2	TE-109-3	TERMINAL, LUG	
	1	DELETED		
1/8" THK				
STOCK SIZE				
MATERIAL		WEIGHT PER PC.		
PHENOLIC		—		
XXXPLAMINATE		200 KC OVEN		
TYPE & TEMPER		16 2-18-54		
NATURAL		DRAWN A.J.J.		
FINISH & SPEC. NO.		ELEC. DES. APP. A.J.J.		
		MECH. DES. APP. WDE		
		CHECKED A.J.J.		
		FINAL APPROVAL WDE		
		SUPERCEDES AMS-122		
		A-348 C		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
C		IT.I. PX130 DELETED	9/1/71	19233	WJ	WJ	WJ
B		REF: LD853 DELE.	10/25/66	17100	WJ	WJ	WJ
A	1	2.9(.114) M.M. WAS #32	3-7-53	1	P.B.	WJ	WJ
#	#	Redrawn, no changes	2/18/54	#	WJ	WJ	WJ

TOLERANCES SCALE FULL
 ALL OTHERS DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±
 DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-349

D

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT

USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

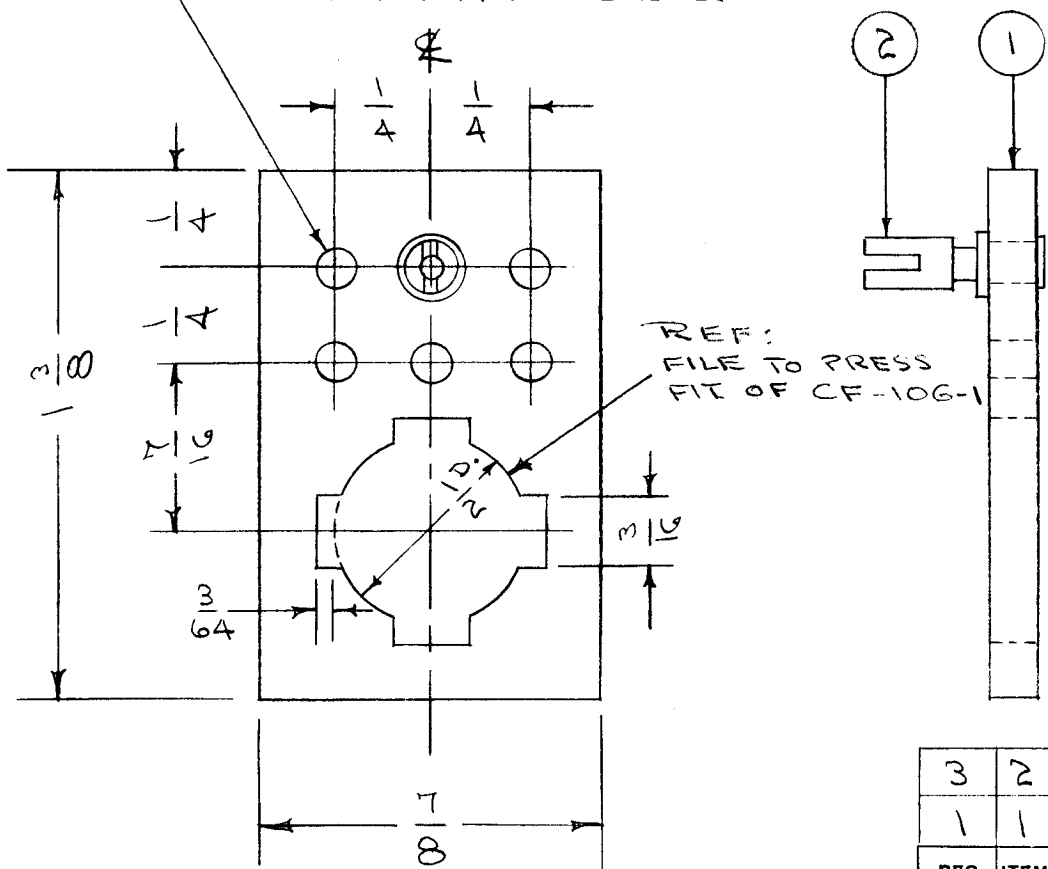
DATE

2

XFK

A-341

2.9 (.114) M.M. 6 REQ.



REF: LD132

3	2	TE-109-3	TERMINAL	
1	1	PX-129	TERM. BD. (NO DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1/8 THK. <td colspan="2">THE TECHNICAL MATERIEL CORP.</td>			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK. NEW YORK	
PHENOLIC			TERMINAL BOARD, COIL FORM	
MATERIAL			XFK.	
WEIGHT PER PC.			CDD. 5-19/55	
TYPE & TEMPER			DRAWN	
HEAT TREAT. SPEC.			ELEC. DES. APP.	
NATURAL			MECH. DES. APP.	
FINISH & SPEC. NO.			CHECKED	
			FINAL APPROVAL	
			A-349	
			D	

D		REF" ADDED "LD"	7/26/66	17100	WFO	JFK	WJL
C	1	REF. CORRECTED	10/17/56	3	JFK	WJL	WJL
B	1	REDRAWN SKETCH ADDED	5/15/55	2	WFO	JFK	WJL
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES

SCALE

ALL OTHERS

DEC. DIM. ±
FRAC. DIM. ± 1/64
ANGULAR DIM. ±

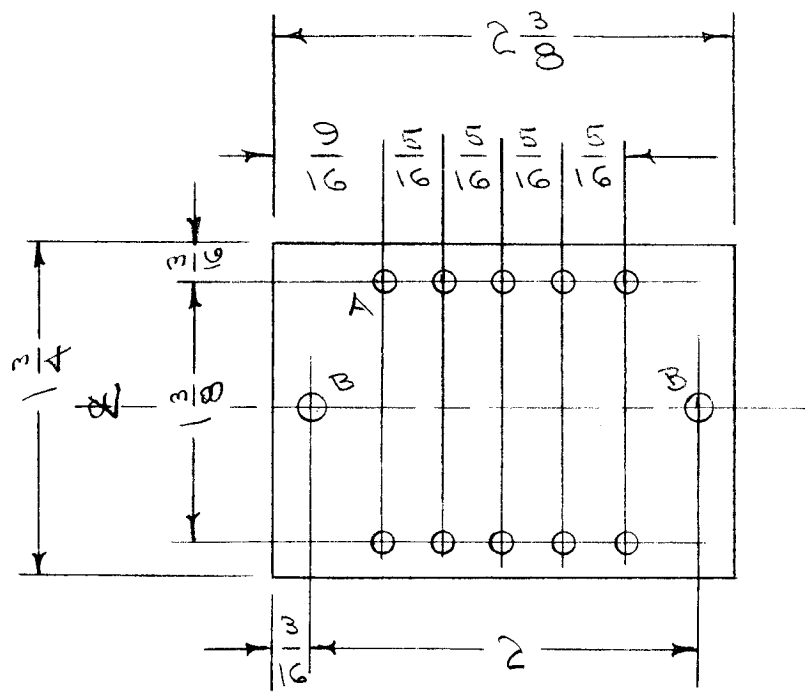
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR THER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-353 C

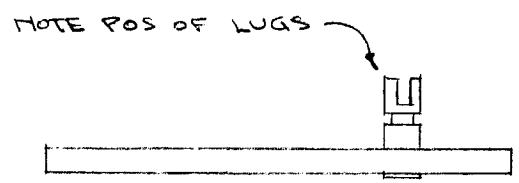
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	XFK		A-614	



A - 2.9 MM (.114) D. 10 HOLES REQ.
 B - 1/64 (.0156) D. 2 " "

NOTE:
 S-113 FUNGUS RESISTANT VARNISH AFTER STAMPING & BEFORE LUGS ARE STAKED.



SEE DWG. LD-132 FOR SCREENING

10	2	TE-109-3	TERMINAL	
1	1	PX-128	TERM. BD. (NO DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1/8 THK.			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK. NEW YORK	
PHENOLIC			TERMINAL BOARD # 3	
MATERIAL		WEIGHT PER PC.	XFK.	
XXXXP LAMINATE			CDD. 5-20-55	
TYPE & TEMPER			DRAWN	
//			ELEC. DES. APP.	
HEAT TREAT. SPEC.			MECH. DES. APP.	
SEE NOTE			CHECKED	
FINISH & SPEC. NO.			FINAL APPROVAL	
			A-353 C	

C	1	LUG DETAIL ADDED	5/20/55	3	CDD	JAO	WOK
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-355

D

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

AMT PER UNIT

MODEL

PROJECT NO.

ASS'Y. NO.

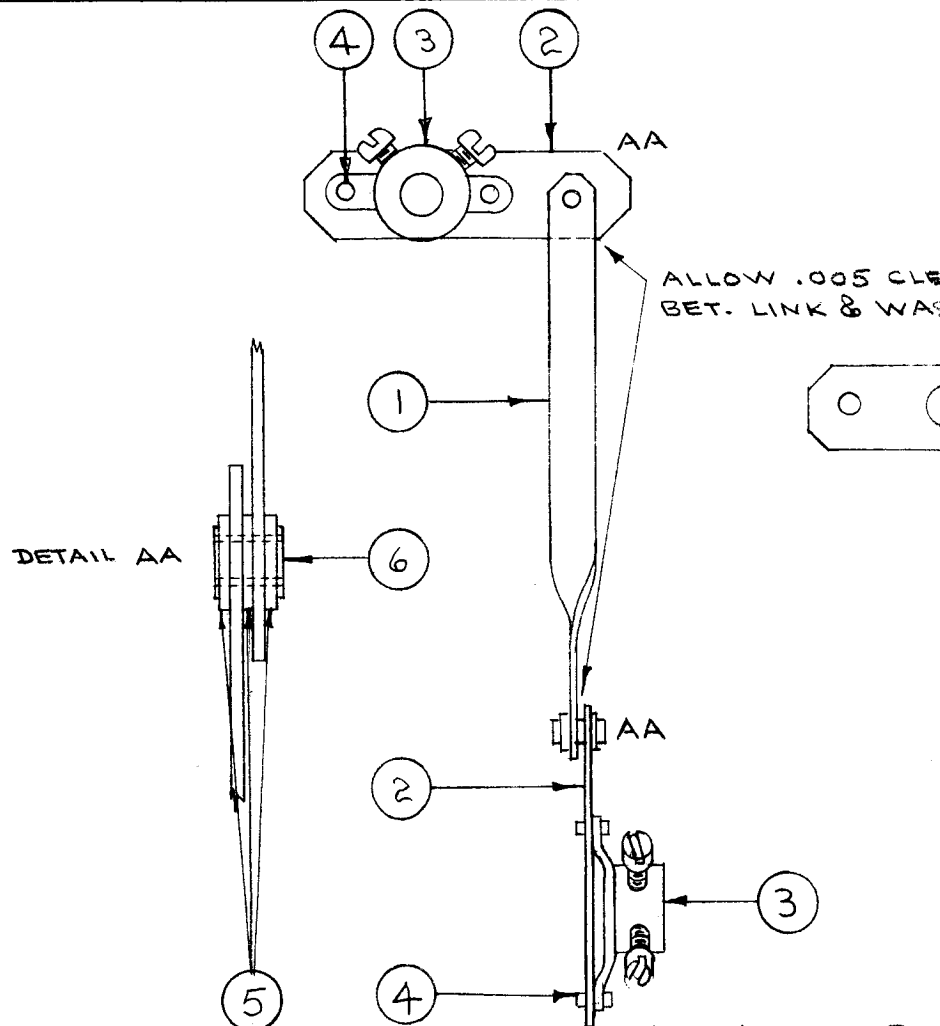
DATE

1

XFK

A-683

2-5-53



NOTE POSITION OF ITEM 3 ON ITEM 2

ALLOW .005 CLEARANCE BET. LINK & WASHER

DETAIL AA

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
2	6	EY 100-2	EYELET, FLAT FLANGE	
6	5	FW04HBN	WASHER, FLAT	
4	4	EY 100-1	EYELET, FLAT FLANGE	
2	3	MC 105-2	COUPLING	
2	2	MS 229	LINK	
1	1	FP 115	LINK, LONG SHAFT	

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

LINKAGE ASSEMBLY

D		IT. 5 WAS FW04MBC	10/25/46	17100	WHD	85		
C	1	CHANGED ITEM 3 WAS MC-105	6-14-51	5068	DF L.			
B	1	DETAIL CLARIFIED	4-2-53	2	RB			
A	1	LINK & MC-105 REVERSED	12-14-53	1	RB			
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	

STOCK SIZE	#
MATERIAL	#
WEIGHT PER PC.	#
TYPE & TEMPER	#
HEAT TREAT. SPEC.	#
FINISH & SPEC. NO.	#

C.D.D. 2-5-53

A. J. J.

DRAWN

ELEC. DES. APP.

MECH. DES. APP.

CHECKED
SUPERCEDES
AMS 167 A

FINAL APPROVAL

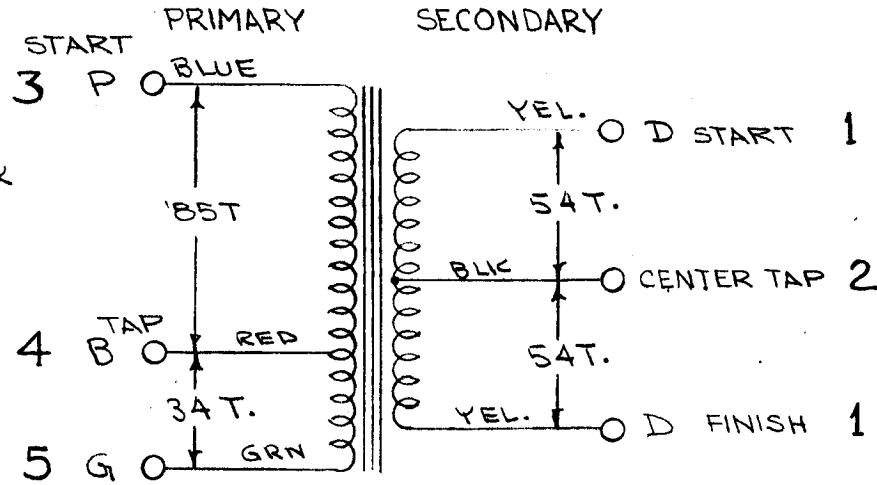
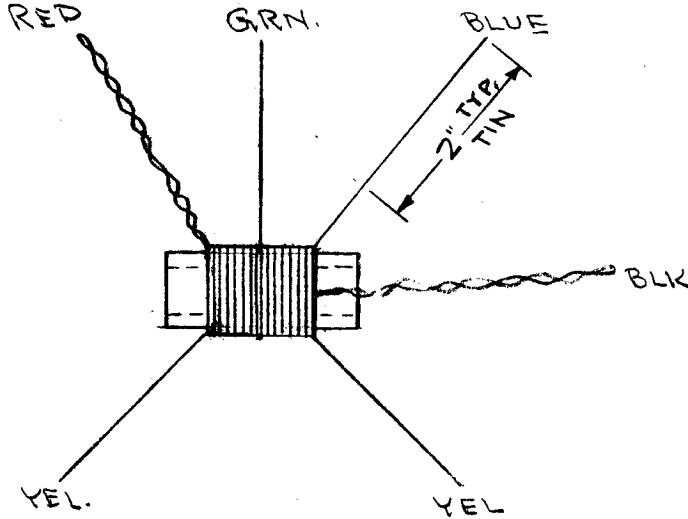
A-355

D

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON			
PER UNIT	MODEL	PROJECT NO.	ASS'Y. N
	CFA		



1500V PER MIL
TEMP. 105°C

GEAR RATIO - 85/42
CAM - .5"

TOTAL PRIMARY INDUCTANCE
.171 ± .015 MH @ 500KCS
Q = > 65

TOTAL SECONDARY INDUCTANCE
.49 MH ± 10% @ 790 KC
Q = > 30

NOTES: TIN ALL LEADS BACK 2"

1. WIND SECONDARY FIRST 54T, BRING OUT TAP, CONTINUE ADDITIONAL 54T LEAVE 3" LEADS.
2. WIND PRIMARY OVER SECONDARY 85T, BRING OUT TAP, CONTINUE ADDITIONAL 34T.
3. COLOR CODE LEADS AS SHOWN.
4. DIP ENTIRE TRANSFORMER IN WAX.

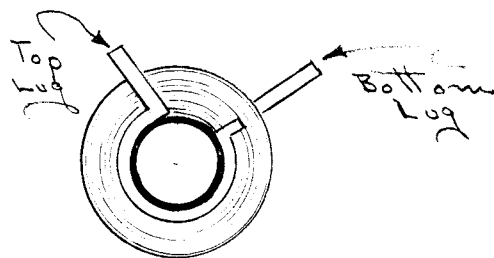
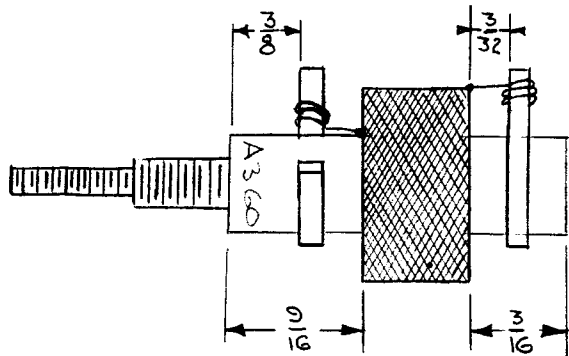
X	2	WI-141-34-9	WIRE, ELEC., MAGNETIC, INSUL.	HEAVY POLY
1	1	CI-105	CORE	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP.				
MAMARONECK, NEW YORK				
TRANSFORMER # 7				
STOCK SIZE				
MATERIAL		WEIGHT PER PC.		
TYPE & TEMPER		CD. 5/19/55		
HEAT TREAT. SPEC.		DRAWN		
FINISH & SPEC. NO.		ELEC. DES. APP.		
		MECH. DES. APP.		
		CHECKED		
		FINAL APPROVAL		
		A 359 J		

J	PRI. IND. TOL WAS ± .010 SEC. IND. TOL WAS ± .5%	31369	19227	GE	H.P.	FB	
H	TOL. SEC. IND. WAS .45 MH @ 790 KC Q = WAS > 38	2168	18750	H.P.	W.P.	GP	
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

A-360

ISSUE	ITEM	CHANGED FROM	DATE	CV. NO.	DRAFT	CHECKER	ENG. APP.
A	1	L(Min) ADDED	9/30/53	1	KG	JAR	P.T.O.
B	2	CF-107-3	12/17/53	2	JAR	G.T.O.	G.T.O.
C	3	± 5% ADDED	11-12-56	3	JAR	JAR	A.J.J.



Coil form CTC Type LS3L (TMC PART. NO. CF-107-2N) (RED SLUG)
 Coils - L1, L3, L4, L5

Winding Data:

Gears { Driver - 43
 Cam - 88

L(Min) = 5.5 D = 63 F = 250 KC

Cam Width .375

Wire 5/41 Litz WE-104-3

Winding - 550 Turns

Inductance - 3 MH ± 5%

Notes:

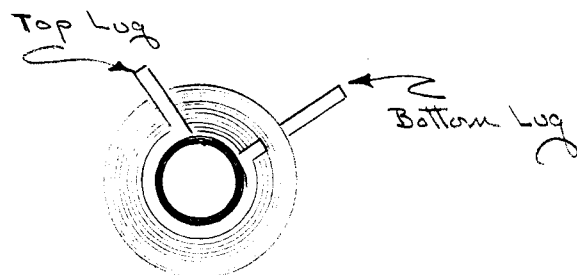
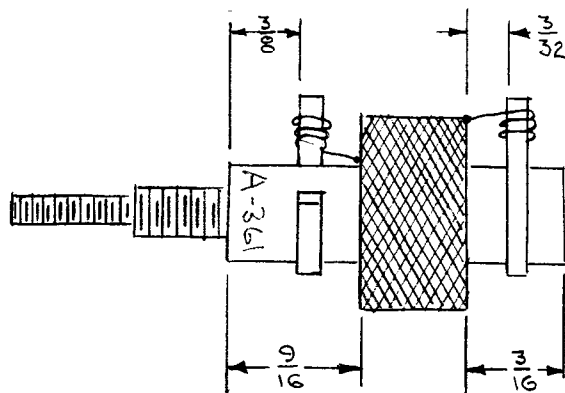
1. Top Turn (550th) Held in Place By a spot of Dupont Cement.
2. Solder End of Leads to Coil Lugs As Shown.
3. Paint Coil with Insulx-U-85 & Bake 1 hour at 100°C.

Required: 4 Per Unit

SUPERCEDES AEM 015

DATE 7-6-51	TRANSFORMER COILS 100 KC IF Model DVM	THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK	
DRN. JAR		SHEET	OF
CHKD. G.T.O.		NO. A-360	
APPD. JAR		C	

A-361



Coil form CTC Type LS3L (TMC PART NO. CF-107-2N)
 coil - L2 (RED SLUG)

Winding Data

Cam Width .375
 Wire 5/41 Litz, WI-104-3
 Winding - 305 turns

L Min. = 1.05 in.
 Q = 45
 F = 790 KC

Gears { Driver - 43
 Cam - 88

Notes:

1. Top Turn (305th) Held in place by a spot of Dupont Cement.
2. Solder Ends of Leads to Coil Lugs As Shown.
3. Paint coil with Insulix-U-85 & Bake 1 Hour at 100°.

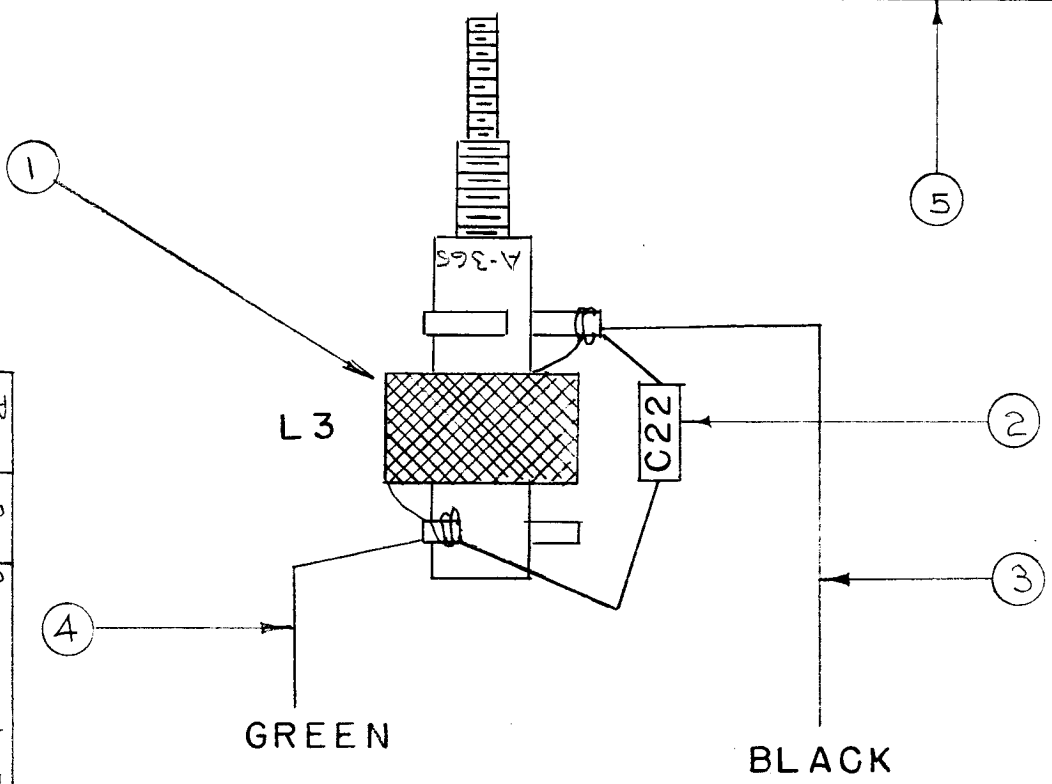
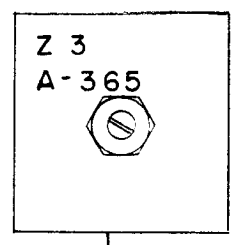
Required: 1 Per Unit

B	1	CF-107-2N WAS CF-107-2 (RED SLUG) ADDED	12/17/53	2	16	M.D.	G.T.O.
A	1	L MIN. Q & F ADDED	9/30/52	1	16	M.D.	P.Z.K.
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS.	CHECKER	ENG. APP.

DATE	7-9-51	100 KC TRANSFORMER COIL Model DVM	THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK
DRN.	JAD		
CHKD.	G.T.O.		
APPD.	OM		
SHEET	OF	NO.	A-361 B

A-365

STAMP TOP OF CAN AS SHOWN



ISSUE	B	Green was 3 1/2 - Black was 2 1/2
	A	LETTERING DETAIL ADDED
ITEM	1	
CHANGED FROM		
DATE	6/9/53	2/1/54
CN. NO.	1	19
DRAW. CHECK.	CPD	WLD
WZG		
APP.		

REQ.	ITEM	PART NO.	DESCRIPTION	SYM.
X	6	BS-100	SOLDER, SOFT	
1	5	A-387	CAN ASSY.	
4"	4	SR1R ^{3/4} (7)22U55	CABLE	
3 1/2"	3	SR1R ^{3/4} (5)22U00	CABLE	
1	2	CM20D751J	CAPACITOR, FIXED	C22
1	1	A-360	COIL	L3

DATE	10-1-51
DRN.	AAD
CHKD.	GT.O
APPD.	WLD

COIL,
CRYSTAL PEAKING
MODEL DVM

THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK		
SHEET	OF	NO. A-365 B.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

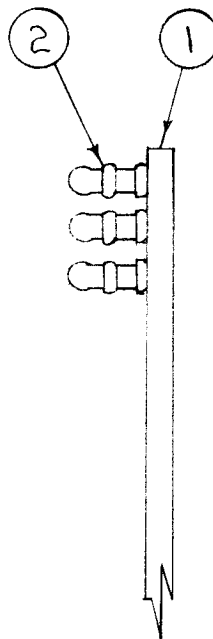
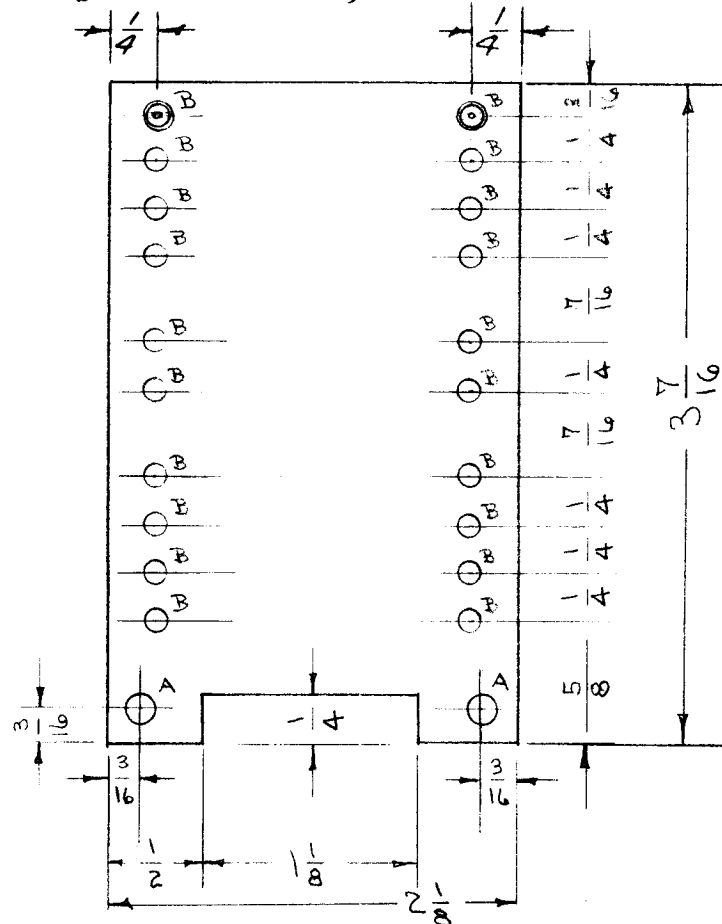
A-369 C

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
FX-101	121	A-371	4-6-53
FX-102	121	A-441	4-16-53
FX-140-	170	A-781	10-11-54

A - No. 27 (.144) DR. 2 HOLES REQ'D.
 B - No. 31 (.120) DR. 20 HOLES REQ'D.



20	2	TE-137-7	LUG, TERMINAL, BEAD	
1	1	PX-131	BOARD, TERMINAL (DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1/8 (.125) THK.			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK, NEW YORK	
PHENOLIC			TERMINAL BOARD SUB-ASSY.	
MATERIAL			FILTER	
WEIGHT PER PC.			C.D.D. 2-2-53	
TYPE & TEMPER			A. J. J.	
HEAT TREAT. SPEC.			DRAWN	
FINISH & SPEC. NO.			ELEC. DES. APP.	
			MECH. DES. APP.	
			CHECKED	
			FINAL APPROVAL	
			SUPERCEDES	
			ENG. DWG	
			1-187-	
			A-369 C	

C	1	MODEL & ASSY. # CHGD.	10/11/54	3	C.D.D.		K2
B	1	TERM. CHANGED WAS TE-109-3	10/21/53	2	VS	M.H.S.	M.H.S.
A	1	3 7/16 ADDED	8/27/53	1	C.D.D.	A.A.	W.C.
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES

SCALE

ALL OTHERS

DEC. DIM. ±
 FRAC. DIM. ± 1/64
 AN ULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

A-373

ITEM 1 PX-133 (NO DWG) TERM. BD. #1

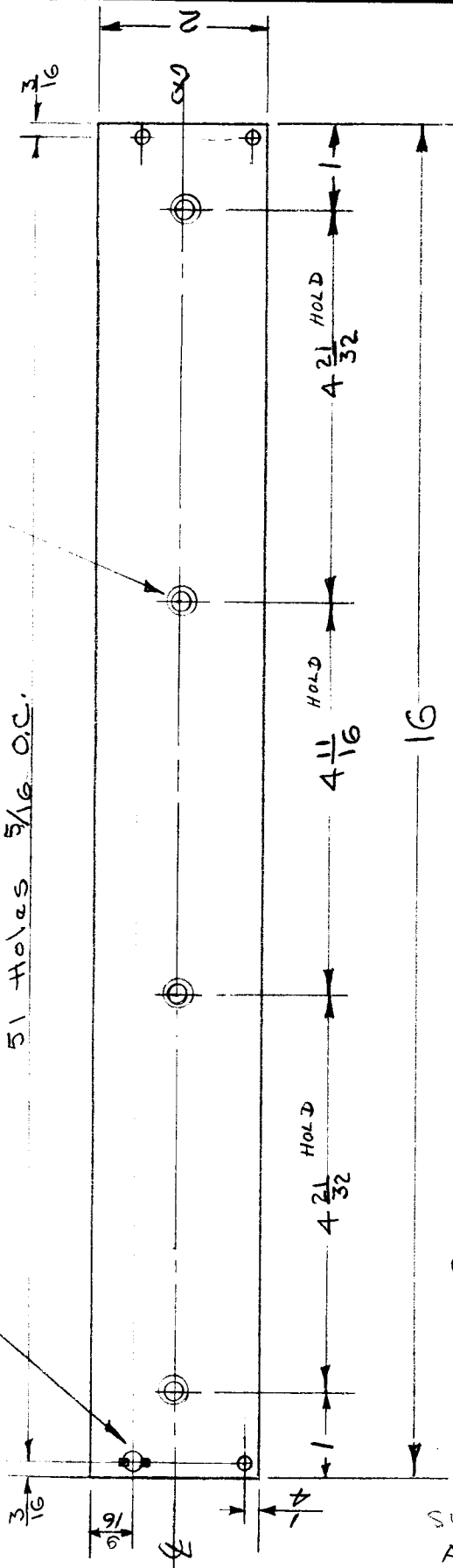
#30 Drill - 102 Holes

Mount etc - X1784D Terminals (TE-109-3)

UP As Shown.

Drill & C.S.K for G-32
4 Holes Req.

51 Holes 5/16 OC.



SUPERCEDED
AMS 232

Material: Natural Bakelite 1/8 Thick Required: One Per Unit

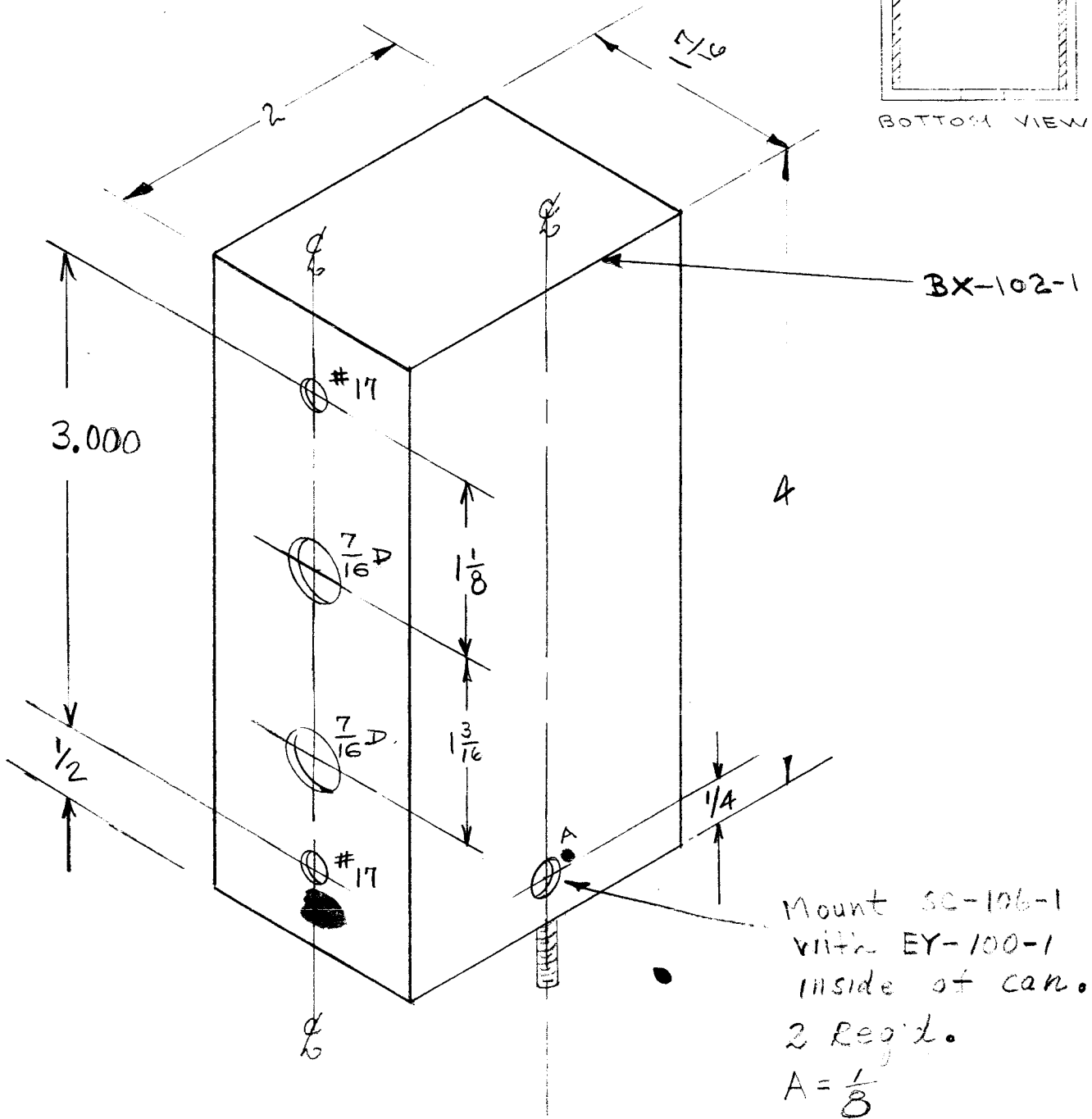
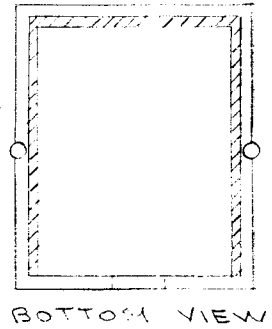
DATE	10-1-51
DRN.	JAD
CHKD.	[Signature]
APPD.	[Signature]

TERMINAL BOARD
1
Model DCU

THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK		
SHEET	OF	NO. A-373

A-376

INSTALL FISH PAPER FULL DEPTH OF CAN
ON THE 3 UNDRILLED SIDES.
INSULATION, SIDES (IM-147)



Mount SC-106-1
with EY-100-1
inside of can.
2 Req'd.
 $A = \frac{1}{8}$

Required: 2 Per Unit

Finish: Clean-Etch & Paint Dark Grey, Navy Spec. 52E4, Type C, Gloss 30-40 Units

Material: .020 Aluminum Can Made By: Aluminum Goods Mfg. Co.

DATE	1-10-58	APP	MK
DESC.	7/16 D WAS 3/8 D		
REV.	A		

DATE	7-9-51	IF TRANSFORMER CANS	THE TECHNICAL MATERIEL CORPORATION	
DRN.	J. A. De		MAMARONECK, NEW YORK	
CHKD.	G.T.O.		SHEET	OF
APPD.	09/15		NO.	A-376

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

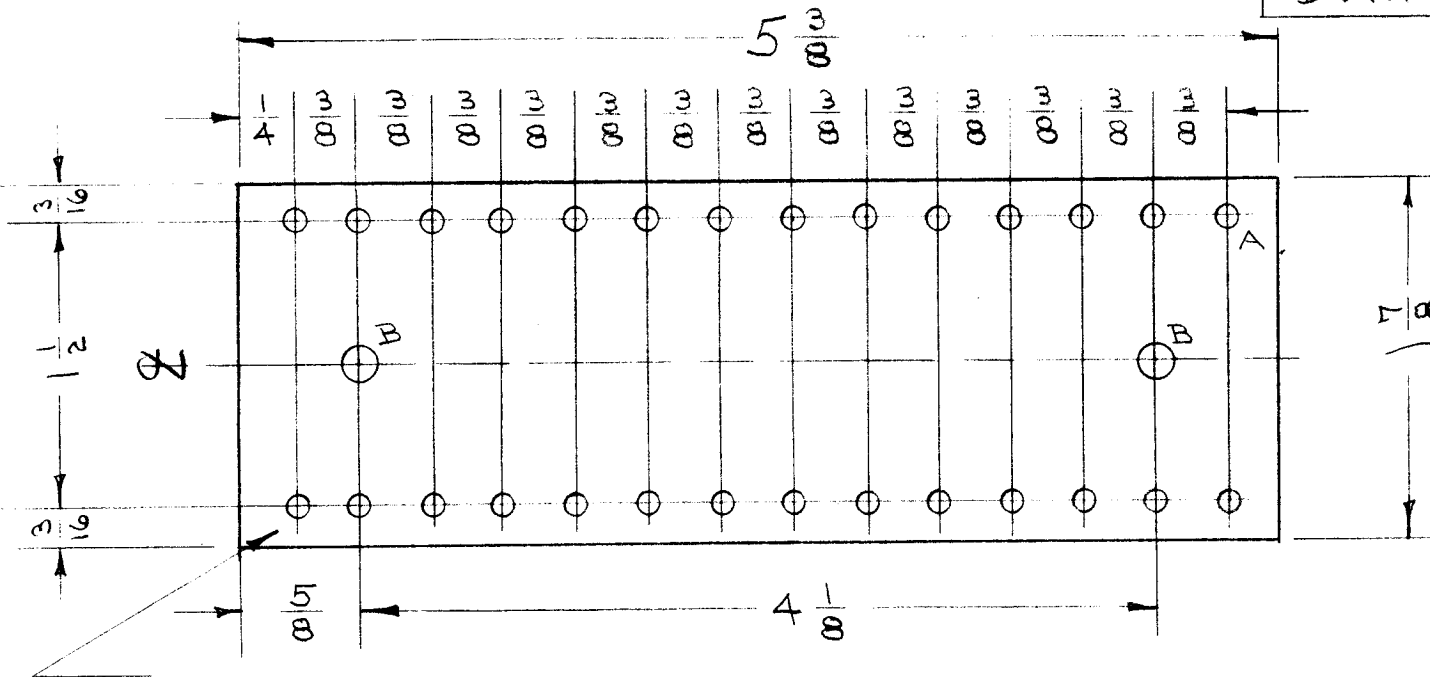
A-379

B

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
DVM	199		6-5-53



TERMINALS ON THIS SIDE

- A - NO. 32 (.116) DRILL 28 HOLES REQ.
- B - NO. 12 (.189) DRILL 2 HOLES REQ.

2	3	TE-108-13	STAND OFF, RIVET TYPE.	
28	2	TE-109-3	TERMINAL, TURRET	
1	1	PX-136	BOARD, TERM. (NO DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/8 (.125)	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		PHENOLIC	TERMINAL BOARD NO. 5	
		XXXXP LAMINATE	ASSEMBLY	
			C.D.D. 6-5-53	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			CHECKED	FINAL APPROVAL
			A-379 B	
			FINISH & SPEC. NO.	

B	1	*32 Drill WAS #33	5957	2	sc.	JMD	
A	1	REDRAWN - DIM. CHGD.	6/5/53	1	C.D.D.	File	
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-383

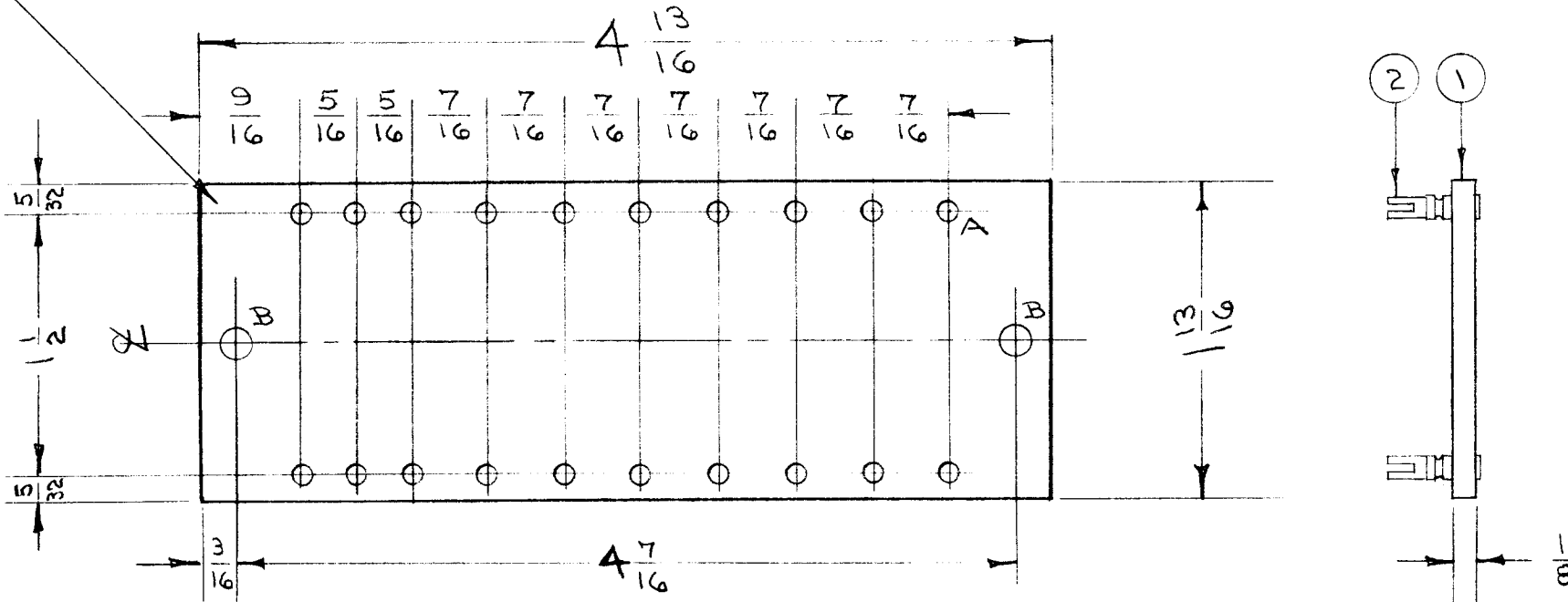
B

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
DVM	199		6-5-53

TERMINALS ON THIS SIDE



A- No. 32 (.116) DRILL 20 HOLES REQ.
 B- No. 31 (.120) DRILL 2 HOLES REQ.

20	2	TE-109-3	TERMINAL, TURRET	
1	1	PX-140	BOARD, TERM. (DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1/8 (.125)			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK, NEW YORK	
PHENOLIC			TERMINAL BOARD NO. 3	
MATERIAL		WEIGHT PER PC.	ASSEMBLY	
XXXXP LAMINATE			C.D.D. 6-5-53	
TYPE & TEMPER			DRAWN	MECH. DES. APP.
HEAT TREAT. SPEC.			ELEC. DES. APP.	
FINISH & SPEC. NO.			CHECKED	FINAL APPROVAL
			A-383	B

B	1	No.32 DRILL WAS No.33	5/10/57	2	SC.	JAD	MB
A	1	REDRAWN - DIM. CHGD.	6/5/53	1	C.D.D.	JAD	MB
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

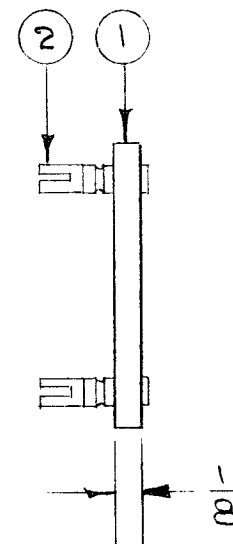
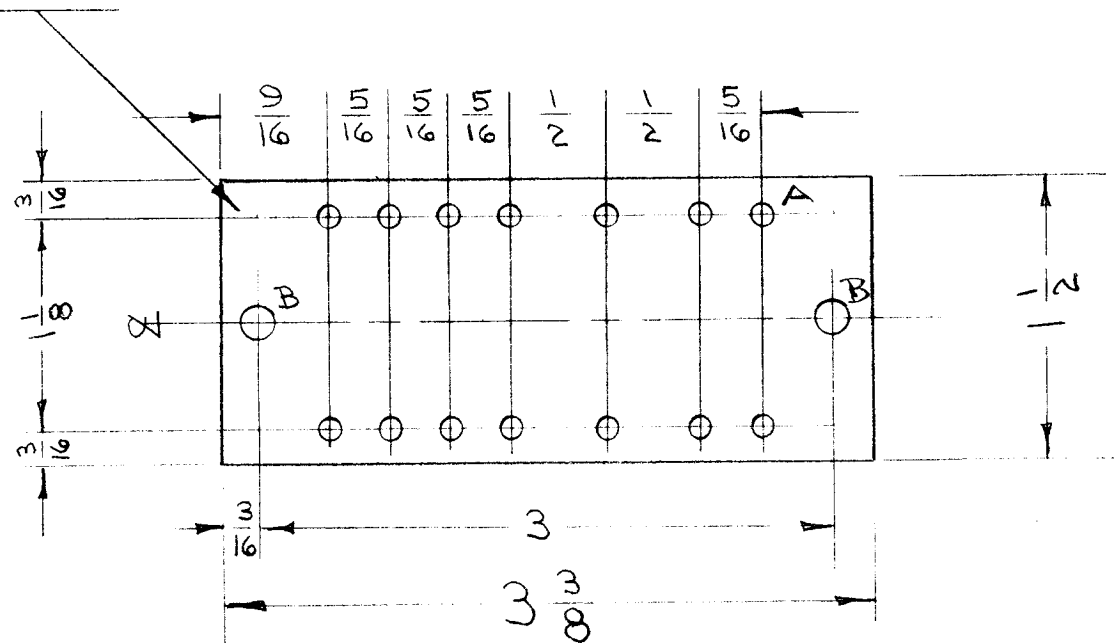
A-384 B

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
DYM	199		6-5-53

TERMINALS ON THIS SIDE



A - NO. 32 (.116) DRILL 14 HOLES REQ.
 B - NO. 31 (.120) DRILL 2 HOLES REQ.

14	2	TE-109-3	TERMINAL, TURRET	
1	1	PX-1A1	BOARD, TERM. (NO DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1/8 (.125)			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK. NEW YORK	
PHENOLIC			TERMINAL BOARD NO. 2	
MATERIAL		WEIGHT PER PC.	ASSEMBLY	
XXXP LAMINATE			C.D.D. 6-5-53	
TYPE & TEMPER			DRAWN	MECH. DES. APP.
HEAT TREAT. SPEC.			CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.			A-384 B	

B	1	NO. 32 (.116) D. WAS NO. 33	5/10/57	2	R.	JAD	AK
A	1	REDRAWN - DIM. CHGD.	6/5/53	1	C.D.D.	JAD	AK
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES

SCALE

ALL OTHERS
 DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK
 SIZES AND MANUFACTURERS
 TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

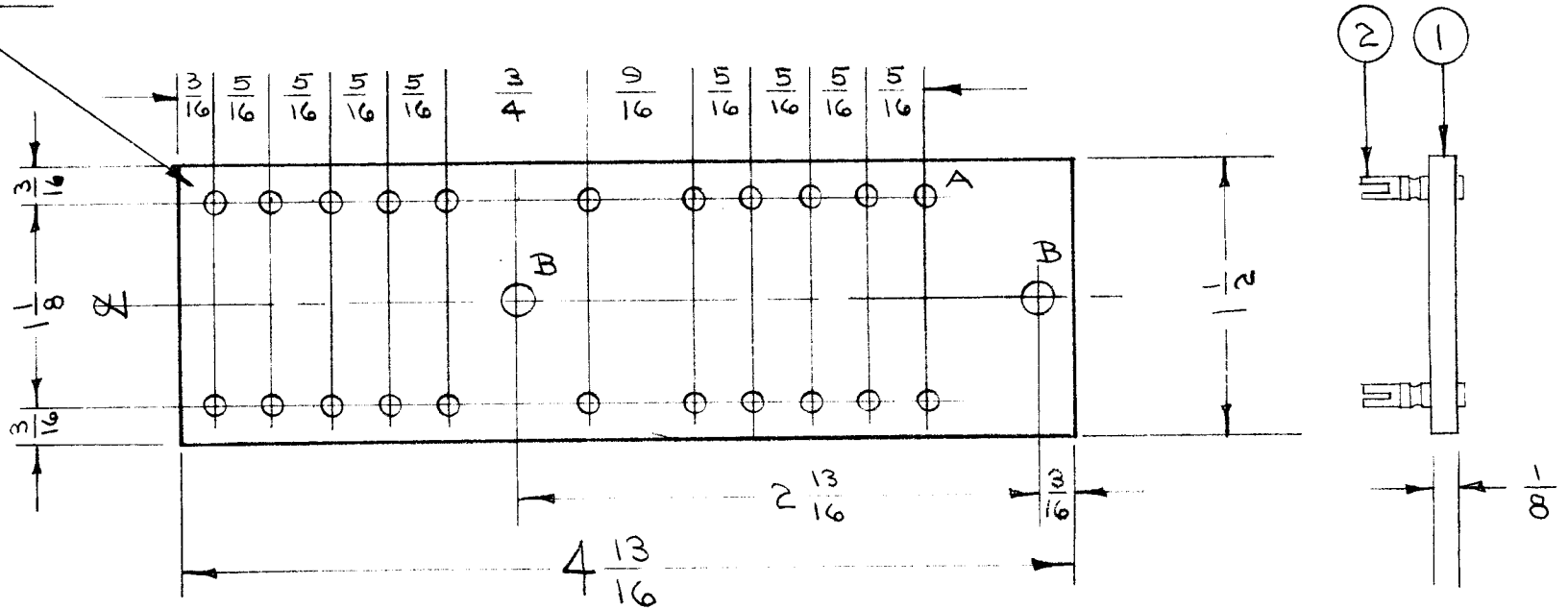
A-385 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
DVM	199		6-5-53

TERMINALS ON THIS SIDE



A - NO. 33 (.113) DRILL 22 HOLES REQ.
 B - NO. 31 (.120) DRILL 2 HOLES REQ.

22	2	TE-109-3	TERMINAL, TURRET	
1	1	PX-142	BOARD, TERM. (DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1/8 (.125)			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK, NEW YORK	
PHENOLIC		#	TERMINAL BOARD NO. 1	
MATERIAL		WEIGHT PER PC.	ASSEMBLY	
XXX P LAMINATE			C.D.D. 6-5-52	
TYPE & TEMPER			DRAWN	MECH. DES. APP.
			ELEC. DES. APP.	
HEAT TREAT. SPEC.			CHECKED	
			FINAL APPROVAL	
FINISH & SPEC. NO.			A-385 A	

A	1	REDRAWN - DIM. CHGD	6/5/53	1	C.D.D.	J.A.R.	P.P.B.
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-386 B.

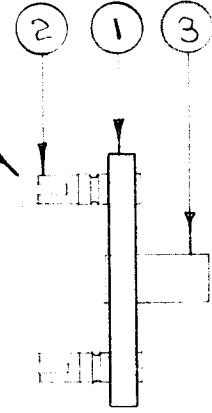
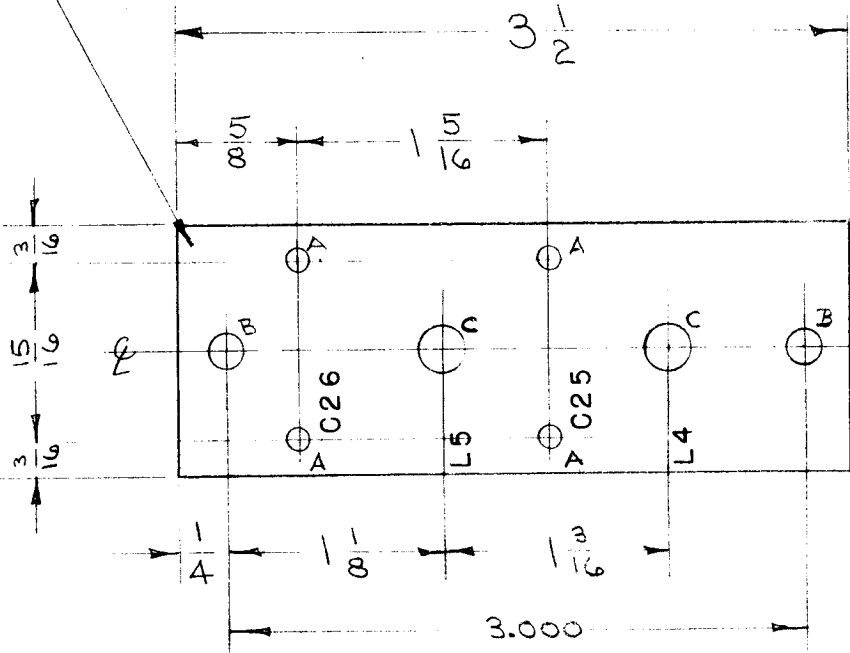
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
DVM	199		6-9-53

TERMINALS ON THIS SIDE.
STAMP BOARD AS SHOWN.

NOTE POSITION OF TERMINALS



SYM	DESCRIPTION	REQ
A	#2.9(.114)DRILL	4
B	#12(-.189)DRILL	2
C	1/4 DIA	2

MARKING PROCESS: AS PER T M C SPECIFICATION S-727.

LETTERING: 1/8 HIGH BLACK, GOTHIC LOCATED AS SHOWN.

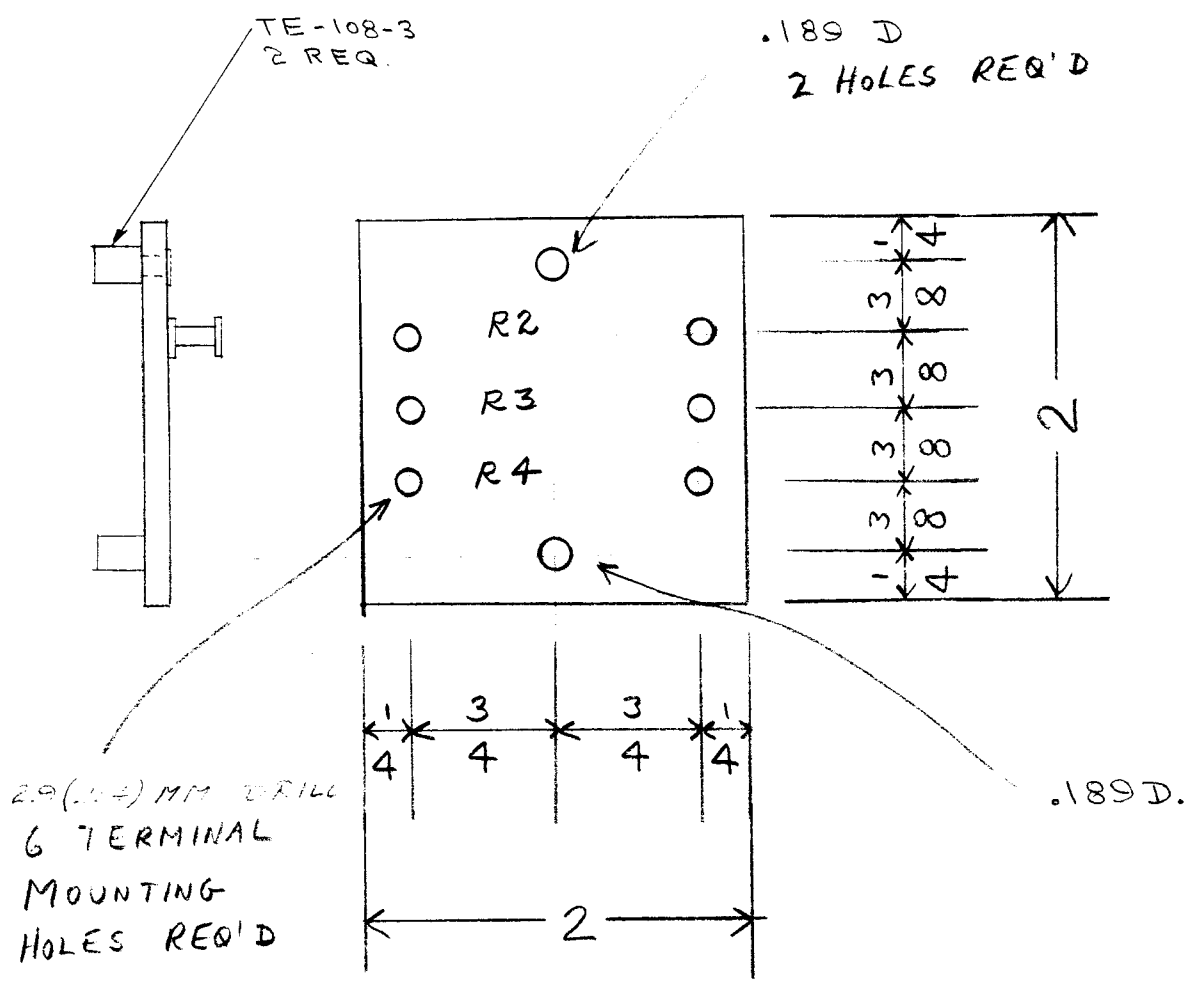
2	3	TE-108-13	STANDOFF, RIVET TYPE	
4	2	TE-109-3	TERMINAL, TURRET	
1	1	PX-143	BOARD, TERM. (NO DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1/8 (.125)			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK. NEW YORK	
PHENOLIC			TERM. BD. NO. 2 ASSEMBLY	
MATERIAL			100 KC TRANSFORMER	
WEIGHT PER PC.			C.D.D. 6-9-53	
XXXXP LAMINATE			DRAWN	
TYPE & TEMPER			ELEC. DES. APP.	
HEAT TREAT. SPEC.			MECH. DES. APP.	
FINISH & SPEC. NO.			CHECKED	
			FINAL APPROVAL	
			A-386 B	

B	1	NO. 2.9 DRILL WAS ISS 4-27-53	2	PC	100	100	
A	1	REDRAWN - ITEM 3 ADDED	6/9/53	1	C.D.D.	100	
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

A-389

SYMBOL	DESCRIPTION	DATE	APP.
A	2.9(.14)MM WAS #33 DRILL	3-11-51	AM



MARKING PROCESS: AS PER T M C SPECIFICATION S-727

LETTERING: 1/8 HIGH BLACK, GOTHIC
LOCATED AS SHOWN.

USE: XXX BAKELITE 1/8" THK
TERMINALS: CTC S1245 D

SUPERCEDES AMS090

DATE 4-16-51	RESISTOR BOARD MONITOR SPEAKER MODEL LSP	THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK	
DRN. P.B.			
CHKD. <i>[Signature]</i>		SHEET	OF
APPD. AM		NO. A-389A	

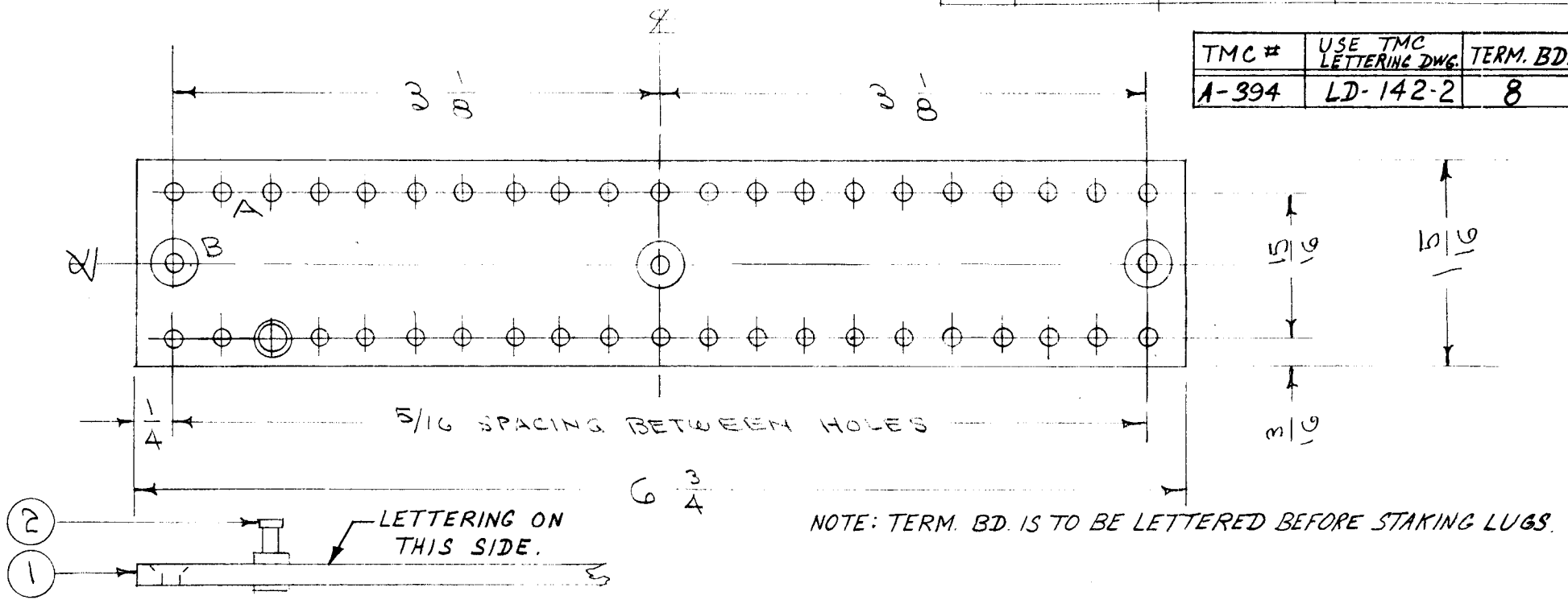
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-394 C

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	CFA			8-30-55

TMC #	USE TMC LETTERING DWG.	TERM. BD.
A-394	LD-142-2	8



A- 2.9 MM (.114) D 42 HOLES REQ.
 B- DRILL & C-SINK 6-32 3 " "

NOTE POS. OF LUGS

A2	2	TE-105-4	LUG	
1	1	PX-146	TERM. BD. (NO DRAWING)	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1/8 THK			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK. NEW YORK	
PHENOLIC #			NO. 8 TERM. BD. ASSY.	
MATERIAL			CFA	
XXXP LAMINATE			ADD. 8/30/55	
TYPE & TEMPER			DRAWN	
HEAT TREAT. SPEC.			ELEC. DES. APP.	
NATURAL			MECH. DES. APP.	
FINISH & SPEC. NO.			CHECKED	
			FINAL APPROVAL	
			A.J.J.	
			A-394 C	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
C	1	TMC LETT. DWG WAS LD-142	11-1-60	3334			
B	1	LETTERING NOTE ADDED	10/13/60	3173			
A	#	REDRAWN	8/30/55	#			

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-395 F

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT

USED ON

MODEL

PROJECT NO.

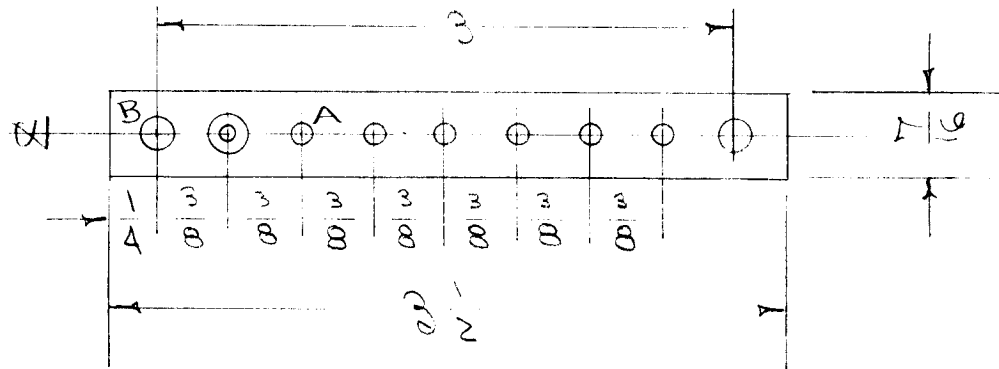
ASS'Y. NO.

DATE

2

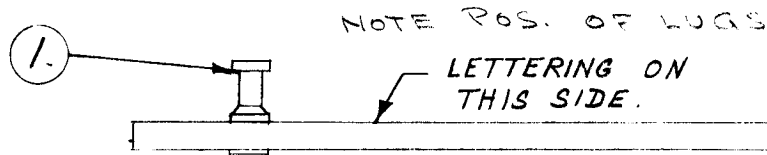
CFA

8-30-55



A-2.9MM.(.114)D. 7 HOLES REQ.
B-#21(.159)D. 2 " "

TMC#	USE TMC LETTERING DWG.	TERM. BD.
A-395	LD-142-4	6



NOTE: TERM. BD. TO BE LETTERED BEFORE STAKING LUGS.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
7	1	TE-105-4	LUG	
1/8 THK.			THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK. NEW YORK	
PHENOLIC			#6 TERM. BD. ASSY.	
MATERIAL			CFA	
WEIGHT PER PC.			CFA	
XXXP LAMINATE			CFA	
TYPE & TEMPER			CFA	
HEAT TREAT. SPEC.			CFA	
FINISH & SPEC. NO.			CFA	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
F		DELE PX ITEM	5/27/57	19232	GE		
E	1	LETTERING DWG. WAS LD-142	11-1-60	3334	JFB		
D	1	LETTERING NOTE ADDED	10-13-60	3173	JFB		
C	1	ITEM 2 WAS TE-109-3	11/9/54	1	LG		
#	#	REDRAWN.	8/30/55	#	CASED		

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

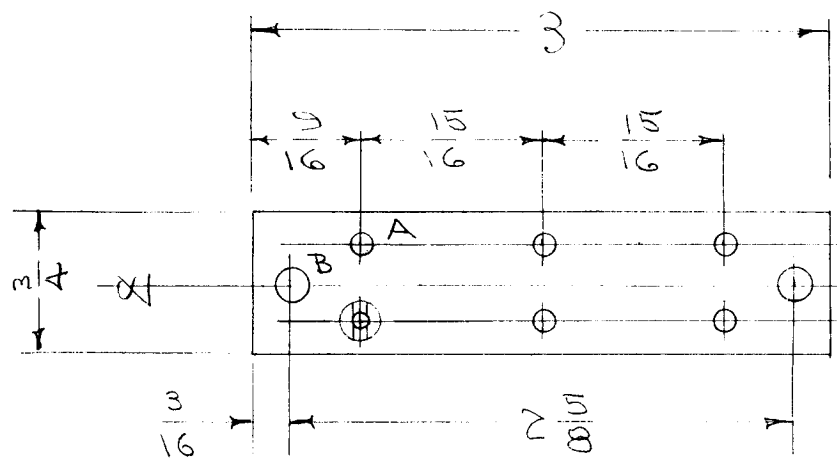
CHECKED	FINAL APPROVAL
JAG	AJJ
	A-395 F

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

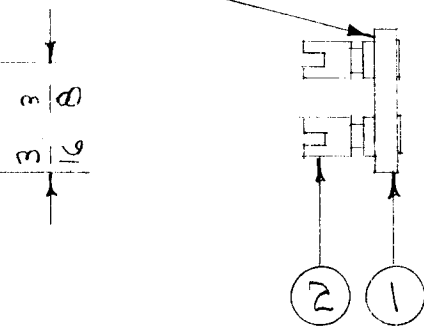
A-396 C

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
2	CFA			8-30-55



NOTE POS. OF LUGS
LETTERING ON THIS SIDE.



TMC#	USE TMC LETTERING DWG	TERM. BD.
A-396-1	LD-142-6	3
A-396-2	LD-142-7	4

NOTE: TERM. BDS. ARE TO BE LETTERED BEFORE STAKING LUGS.

A. 2.9 M.M. (.114) D. 6 HOLES REQ
B. # 24 (.152) D. 2 " "

6	2	TE-109-3	LUG	
1	1	PX-148	TERM. BD. (NO DRAWING)	
REQ. ITEM	PART NO.		DESCRIPTION	SYMBOL
	1/8 THK.		THE TECHNICAL MATERIEL CORP.	
STOCK SIZE			MAMARONECK. NEW YORK	
PHENOLIC			#384 TERM. BD. ASSY.	
MATERIAL		WEIGHT PER PC.		
XXXXP LAMINATE			CFA	
TYPE & TEMPER			COD 8/30/55	
HEAT TREAT. SPEC.			DRAWN	ELEC. DES. APP. MECH. DES. APP.
NATURAL			FAE	AJJ.
FINISH & SPEC. NO.			CHECKED	FINAL APPROVAL
			A-396	C

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
C	1	LETTERING DWG. WAS LD-142	11-1-60	3334			
B	1	LETTERING NOTE ADDED	10-13-60	3173			
A	#	REDRAWN	8 bolts				

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

A-399 F

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT

USED ON

MODEL

PROJECT NO.

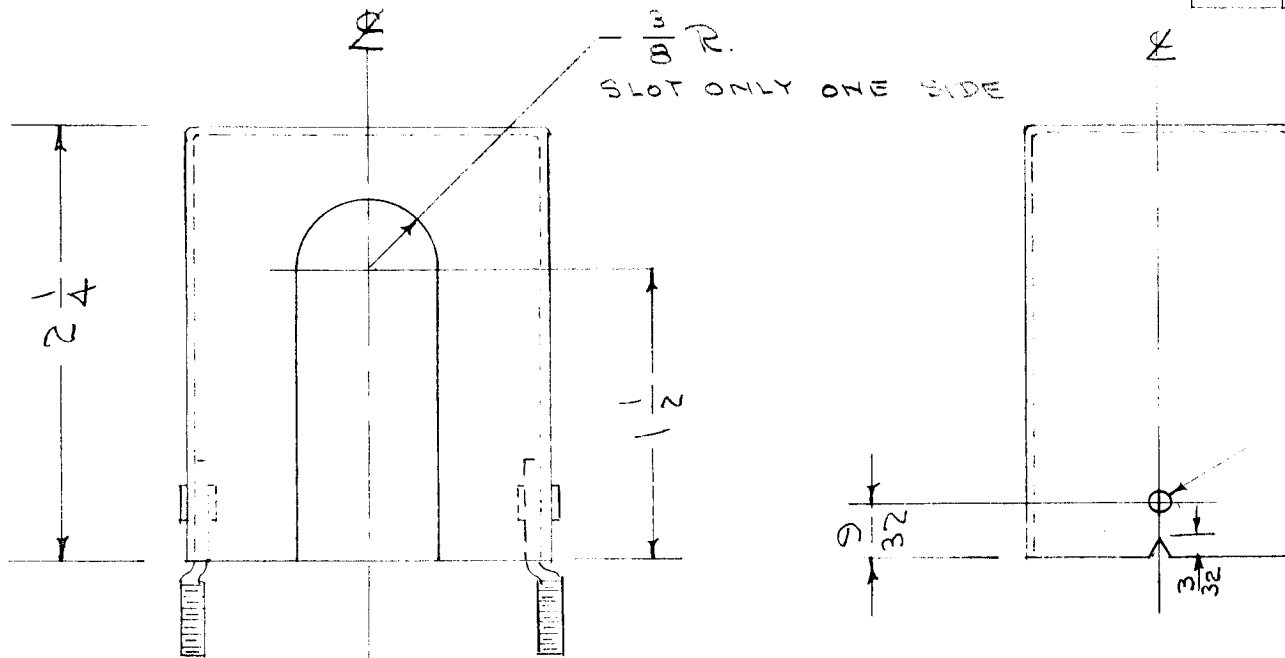
ASS'Y. NO.

DATE

1

CFA

8-30-55



NO. 30 (-128) DIA
2 HOLES REQ.

3/32 "V" NOTCH (2 REQ.)

MODIFY BX-102-1 AS SHOWN ABOVE

2	3	EY-100-1	EYELET, FLAT FLANGE	
2	2	SC-107-1	LUG, SPADE	
1	1	BX-102-1	CAN (MODIFIED AS SHOWN)	

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
BX-102-1			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
STOCK SIZE			OSCILLATOR COVER CAN	
MATERIAL			CFA.	
WEIGHT PER PC.			CDD. 8/30/55	
TYPE & TEMPER			DRAWN	
HEAT TREAT. SPEC.			ELEC. DES. APP.	
FINISH & SPEC. NO.			MECH. DES. APP.	
S404 IRIDITE			CHECKED	
			FINAL APPROVAL	
			A-399 F	

F	1	FIN. S404 IRIDITE WAS CAUSTIC DIP	12-4 59	1001	Φ			
E	1	FIN. WAS S101, S114 & S115.	7/15/58	2	HL	HL	HL	HL
D	1	"V" NOTCH ADDED	1/2/56	1	LG	LG	LG	LG
#	#	REDRAWN	8/30/55	#	CS	CS	CS	CS
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	

TOLERANCES

SCALE

ALL OTHERS

DEC. DIM. ±
FRAC. DIM. ± 1/64
ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.