

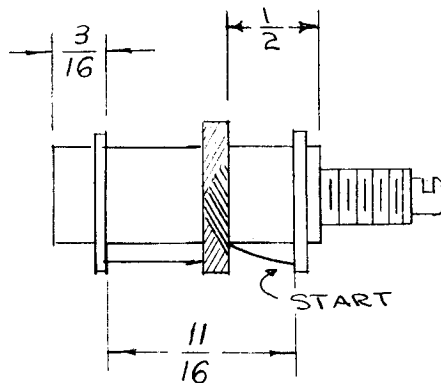
REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	RTF		9-29-55

A-1102

WINDING DATA  
54 TURNS OF #36 DSC  
(ITEM 2)

WINDING MACHINE DATA  
DRIVER GEAR 95  
CAM GEAR 49  
CAM .125

- FABRICATION
- 1-STAKE COIL ENDS TO COIL FORM WITH ITEM 3 (CEMENT)
  - 2- COAT COIL WITH ITEM 4 (U-85)
  - 3- BAKE DRY AT 270° F FOR 1 HOUR
  - 4- SOLDER LEADS TO LUGS



TEST DATA  
L - 40 μH ±5%  
Q - 45 OR BETTER  
f - 2.5 MC

NOTE:  
CORE REMOVED

X	5	BS-100	SOLDER, SOFT
X	4	GL-10A-2	INSULEX, U85
X	3	GL-103	CEMENT
X	2	WI-107-17	WIRE #36 DSC
1	1	CF-107-4N	COIL FORM

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	CF-107-4N WAS CF-107-2N	3-22-57	2	SC.	H.R.	AMB
A	3	54 TURNS WAS 53					
	2	CAM - WAS .185	1/30/56	1	MB	PIP	A.J.J.
	1	ITEM 2 WAS WI-120-17					
TOLERANCES		SCALE:					
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.					
FRAC. DIM. ±		REMOVE ALL BURRS AND SHARP EDGES					
ANGULAR DIM. ±							

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK. NEW YORK	
STOCK SIZE		CHOKE ASSY., PLATE	
MATERIAL		MULTIPLIER - L205 GPT-750	
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		CDD 9/29/55 [Signature] [Signature]	A.J.J. FINAL APPROVAL A-1102 B

WINDING -  
35 TURNS OF ITEM 2  
# 36 DSC.

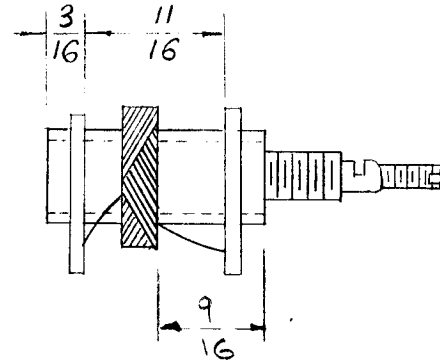
WINDING MACHINE DATA  
DRIVER GEAR 95  
CAM GEAR 49  
CAM .125

FABRICATION -  
1- STAKE COIL ENDS TO COIL  
FORM WITH ITEM 3.  
2- COAT COIL WITH ITEM 4.  
3- BAKE 1 HOUR AT 270° F.  
4- SOLDER LEADS AS SHOWN

TEST DATA

L - MIN. 17.2  $\mu$ hy }  $\pm 20\%$   
L - MAX. 28.0  $\mu$ hy }  
Q - 40 OR GREATER  
F - 2.5 MC.

REQ. PER UNIT	USED ON			A-1103	B
	MODEL	ASS'Y. NO.	DATE		
1	RTF		9/29/55		
1	RTF-2	MULT.	11-20-58		



X	5	BS-100	SOLDER, SOFT	
X	4	GL-104-2	INSULEX, U85	
X	3	GL-103	CEMENT	
X	2	WI-107-17	WIRE, #36 DSC	
1	1	CF-107-2N	COIL FORM	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL			
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
B	2	L Tolerance WAS 5%	4-5-61	4594	DM	JR	ASJ		STOCK SIZE	COIL ASSY., 2-4 MC.				
	1	Q was 50 or greater								MULTIPLIER - L203 GPT-750				
A	2	CAM - WAS 185	1-20-56	1	M	ASJ			MATERIAL					
	1	ITEM 2 WAS WI-120-17								CON	HAISE			
TOLERANCES			SCALE:				TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN	CHECKED	FINAL APPROVAL	
DEC. DIM. $\pm$			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES								A.J.J.			
FRAC. DIM. $\pm$													O.P.	
ANGULAR DIM. $\pm$							FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.			

WINDING  
20 CLOSE WOUND TURNS OF  
ITEM 2 (# 30 D.S.C)

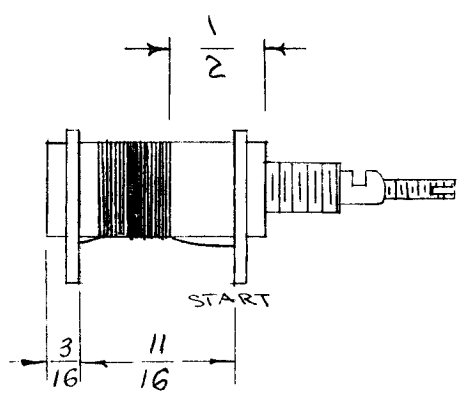
FABRICATION  
1- STAKE COIL ENDS TO COIL FORM  
WITH ITEM 3.

2- COAT COIL WITH ITEM 4.  
3- BAKE 1 HOUR AT 270° F  
4- SOLDER LEADS AS SHOWN

TEST DATA

L MIN 3.5  $\mu$ hy }  $\pm 5\%$   
L MAX 6.2  $\mu$ hy }  
Q 90 OR GREATER  
F 7.9 MC.

REQ. PER UNIT	USED ON			A-1104	A
	MODEL	ASS'Y. NO.	DATE		
1	RTF		9-29-55		
2	RTF-2	MULT	11-26-58		



X	5	BS-100	SOLDER, SOFT	
X	4	GL-104-2	INSULEX U85	
X	3	GL-103	CEMENT	
X	2	WI-107-11	WIRE #30 DSC	
1	1	CF-107-2N	COIL FORM	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
A	1	WI-107-11 WAS WI-12011	1-30-56	1	PB	KWP	A.J.J.					
								<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK				
								COIL ASSY., 4-8 MC. MULTIPLIER-L204 GPT-750				
TOLERANCES DEC. DIM. $\pm$ FRAC. DIM. $\pm$ ANGULAR DIM. $\pm$								SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
								TYPE & TEMPER FINISH & SPEC. NO.	HEAT TREAT. SPEC. ELEC. DES. APP.	DRAWN ELEC. DES. APP.	CHECKED MECH. DES. APP.	FINAL APPROVAL A-1104 A

WINDING

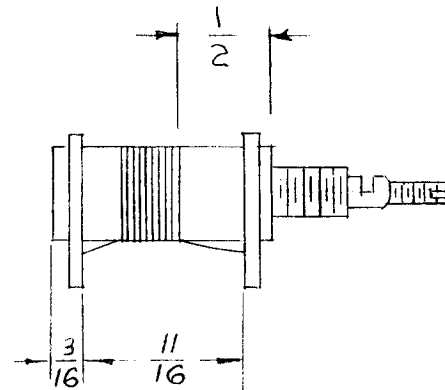
10 TURNS, CLOSE WOUND, OF  
ITEM 2 (#24 DSC)

FABRICATION

- 1- STAKE COIL ENDS TO COIL FORM WITH ITEM 3.
- 2- COAT COIL WITH ITEM 4.
- 3- BAKE 1 HOUR AT 270° F
- 4- SOLDER LEADS AS SHOWN.

TEST DATA

L - MIN 1.3  $\mu$ hy }  $\pm 5\%$   
 L - MAX 1.56  $\mu$ hy.  
 Q - 90 OR GREATER  
 F - 7.9 MC.



REQ. PER UNIT	USED ON		
	MODEL	ASSY. NO.	DATE
1	RTF		9/29/58
1	RTF-2	MULT	11-20-58

A-1105 A

X	5	BS-100	SOLDER, SOFT
X	4	GL-104-2	INSULEX U85
X	3	GL-103	CEMENT
X	2	WI-107-5	WIRE #24 DSC
1	1	CF-107-2N	COIL FORM

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
A	2	WI-107-5 WAS WI-120-5	1/30/56	1	12	A.V.P.	A.J.J.				
	1	TEST DATA CORR.									
TOLERANCES								SCALE:			
DEC. DIM. $\pm$								MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.			
FRAC. DIM. $\pm$								REMOVE ALL BURRS AND SHARP EDGES			
ANGULAR DIM. $\pm$											
								STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
								MATERIAL		COIL ASSY., 8-16 MC MULTIPLIER-L207-GPT-750	
								TYPE & TEMPER		DRAWN	
								HEAT TREAT. SPEC.		CHECKED	
								FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
										A. J. J.	
										A-1105 A	

REQ. PER UNIT	USED ON			A-1106	C
	MODEL	ASSY. NO.	DATE		
1	RTF	MULT.	11-25-56		

WINDING:

4 TURNS, (CLOSE WOUND) OF ITEM 2 (20 DSC).  
 ALLOW 2" STRIPPED PIG TAILS ON EACH END FOR CONNECTIONS TO LUGS AND FOR ATTACHMENT TO Q METER, BOONTON 160 A.

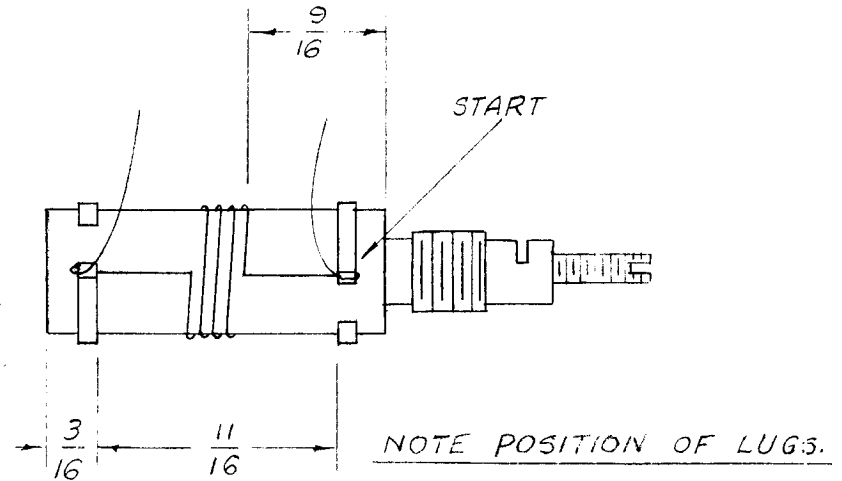
FABRICATION.

1. ALIGN LUGS, WIND THE COIL AND STAKE THE ENDS TO COIL FORM WITH ITEM 3.
2. SOLDER LEADS TO LUGS, ALLOWING 2" PIGTAILS
3. COAT COIL WITH ITEM 4 (GL-104-2).
4. BAKE DRY FOR 1 HOUR AT 270°F.

TEST DATA.

L - MIN. .265  $\mu$ hy }  $\pm 5\%$   
 L - MAX. .400  $\mu$ hy }  
 Q - 125 OR GREATER  
 F - 25 MC.

REMOVE TEST LEADS AFTER TESTING.



X	5	BS-100	SOLDER, SOFT
X	4	GL-104-2	INSULEX U85
X	3	GL-103	CEMENT
X	2	WI-107-1	WIRE # 20 DSC.
1	1	CF-107-2 N	COIL FORM

C	1	FOR SPARE PARTS NITE "DELETED SER #3101-114"	1/25/58	3	1A	AP	
B	2	L-MAX. WAS .345 $\mu$ HY	3/20/58	2	B	W.D. A.J.J.	
A	2	L-MIN. WAS .22 $\mu$ HY					
A	1	REDRAWN COMPLETELY REVISED	2-7-56	1	B	W.D. A.J.J.	
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. $\pm$			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. $\pm$							
ANGULAR DIM. $\pm$							

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b>			
MAMARONECK. NEW YORK			
COIL ASSY, 16-32 M.C.			
MULTIPLIER - GPT-750			
MATERIAL		1B 2-7-56	A.J.J.
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			A-1106
			C

REQ. PER UNIT	USED ON			A-1108	D
	MODEL	ASS'Y. NO.	DATE		
1	RTF		9-30-58		
1	RTF-2	MULT.	11-20-58		

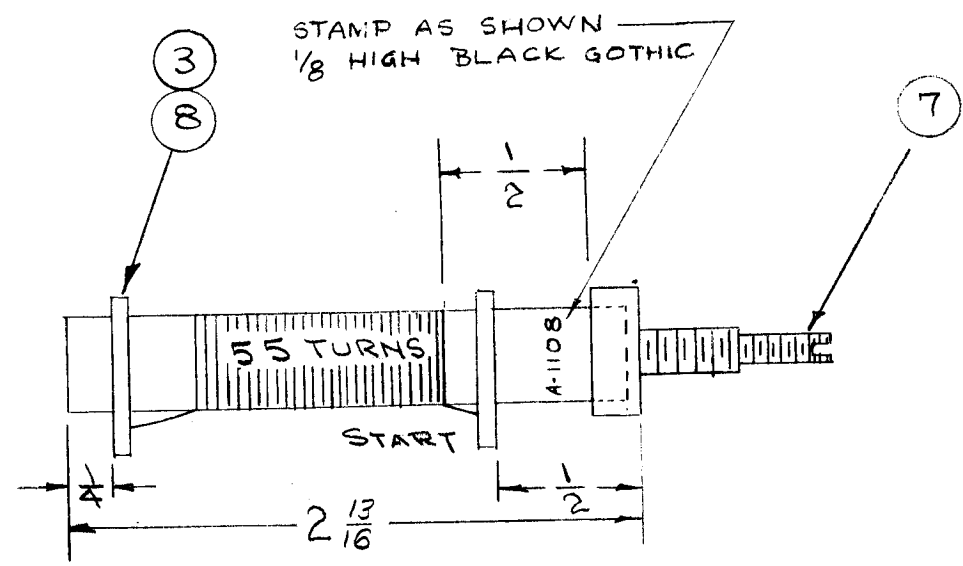
WINDING  
55 TURNS, CLOSE WOUND, OF  
ITEM 2 (#26 DSC)

FABRICATION:

- 1- AFFIX TERMINAL RINGS TO COIL FORM WITH ITEM 3.
- 2- STAKE COIL ENDS TO COIL FORM WITH ITEM 3
- 3- COAT COIL WITH ITEM 4
- 4- BAKE 1 HOUR AT 270° F
- 5- SOLDER LEADS AS SHOWN

TEST DATA

L MIN 15μhy } ±5%  
 L MAX 23μhy }  
 Q 80 OR GREATER  
 F 2.5 MC



2	8	TE-153-3	TERMINAL, RING TYPE	
1	7	CI-109-13	CORE	
#	6	—	DELETED	
X	5	BS-100	SOLDER, SOFT	
X	4	GL-10A-2	INSULEX, U-85	
X	3	GL-103	CEMENT	
X	2	WI-107-7	WIRE #26 DSC	
1	1	CF 119-2.812	COIL FORM	
REQ. ITEM	PART NO.		DESCRIPTION	SYMBOL

D		ITJ WAS CF119-2.81	11/14/66	17231	WHO	OC/2500	
C	2	1/2 WAS 3/4	4/17/62	3	COE	OC/2500	
	1	1/2 " 13/16					
B	1	STAMPING ADDED	3/29/52	2	B	OC/2500	
A	3	ITEM 6 WAS SM-131	1-30-58	1	B	OC/2500	
	2	ITEM 2 WAS WI-120-7					
	1	ITEM 1 WAS PX-307					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. ±							
ANGULAR DIM. ±							

STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK		
MATERIAL			SWITCH COIL ASSY., 2-A MC MULTIPLIER-L211 GPT-750		
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
		OC/2500	WJC	A. T. J.	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	A-1108	D

WINDING

SIX (6) CLOSELY SPACED TURNS OF #30DSC IN CENTER OF ITEM 1.

FABRICATION

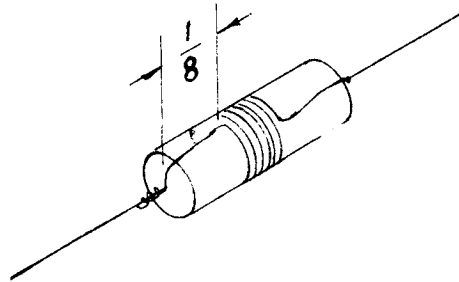
1- STAKE COIL TO ITEM 1 WITH ITEM 3.

2- COAT WITH ITEM 4.

3- BAKE DRY AT 270°F FOR 1 hr.

4- SOLDER LEADS AS SHOWN.

5- TIN RESISTOR LEADS



REQ. PER UNIT	USED ON		
	MODEL	ASSY. N.	DATE
2	RTF		10-12-58
2	RTF-2	MULT.	11-20-58

A-1119 A

L = .14  $\mu$ hy  $\pm 10\%$   
 R = 100  $\Omega$   $\pm 10\%$  } FOR REF. ONLY

TEST DATA -  
 ONLY VISUAL INSPECTION REQUIRED

X	5	BS-100	SOLDER, SOFT
X	4	GL-104-2	INSULEX U-85
X	3	GL-103	CEMENT
X	2	WI-107-11	WIRE #30 DSC
1	1	RC20GF101J	RESISTOR, FIXED

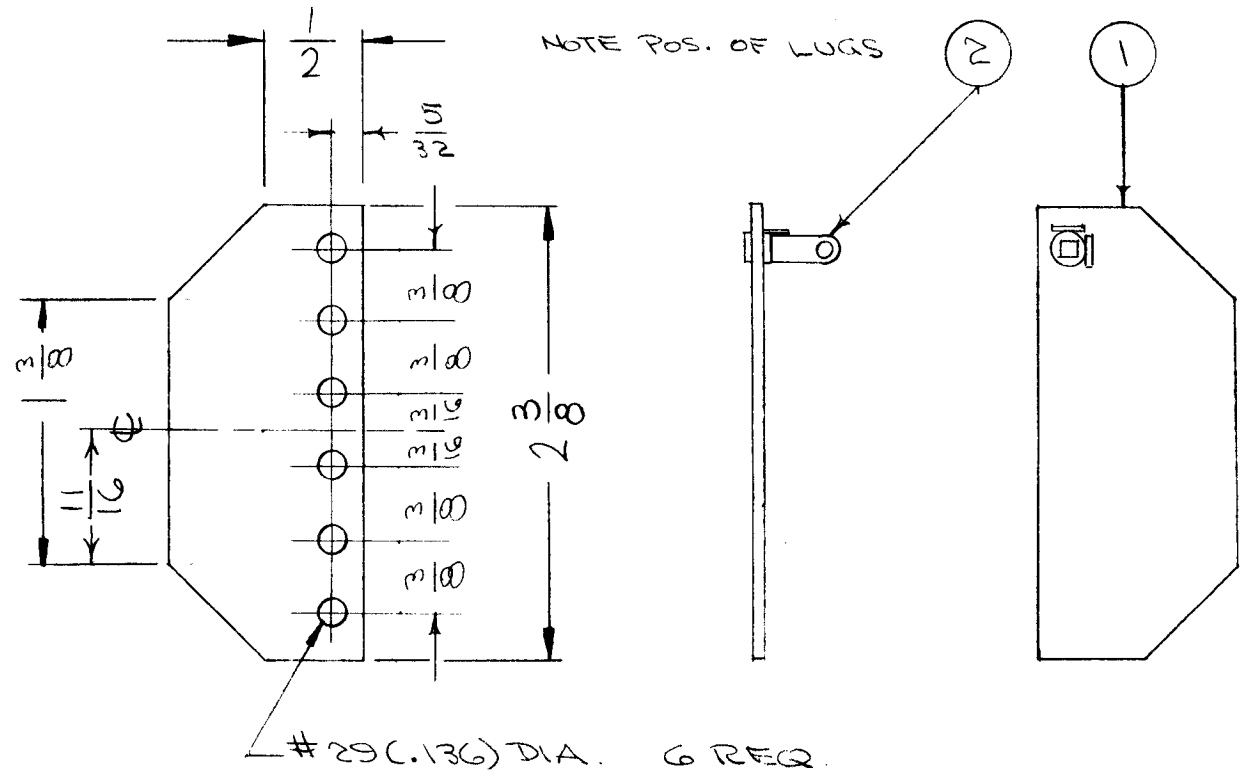
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A		CHG'D "K" TO "J" (IT.1) ADD REF. ONLY NOTE.	11/17/66	17264	RME	<i>[Signature]</i>	<i>[Signature]</i>
TOLERANCES		SCALE:					
DEC. DIM. $\pm$		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
FRAC. DIM. $\pm$							
ANGULAR DIM. $\pm$							

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STOCK SIZE			
SUPPRESSOR, PARASITIC			
PS-201 & PS-202 RTF			
MATERIAL		DATE	APPROVAL
		10-12-58	<i>[Signature]</i> A.J.J.
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		<i>[Signature]</i>	<i>[Signature]</i>
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.

A-1119 A

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	LFD-1-2	A-1133	11-4-55
1	HFD-1-2	A-1144	3-13-56

A-1132 A



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
6	TE-145	LUG	
1	PX-312	TERMINAL BOARD (DRAWING)	
1/16 THK STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
PHENOLIC MATERIAL		TERMINAL BOARD ASSY, TRANS. LFD-1,2 HFD-1,2	
XXXP LAMINATE		CDD 11-3-55	AJJ
TYPE & TEMPER		DRAWN	CHECKED
NATURAL		APP	BB
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		A-1132	A

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A		ADD NOTCHES	11.14.66	17250	4th	JCS	MK

TOLERANCES

SCALE:

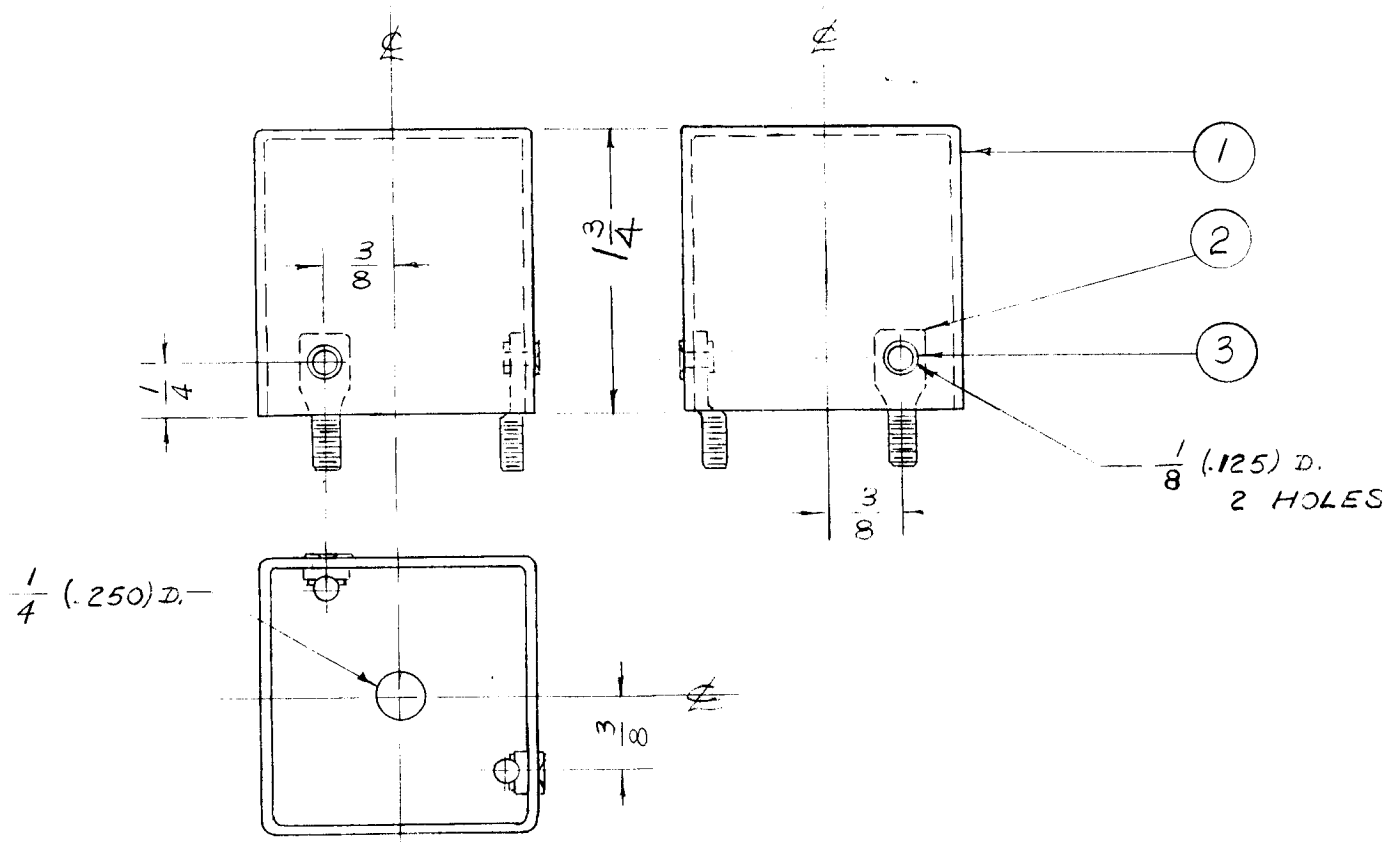
DEC. DIM. ±  
FRAC. DIM. ± 1/64  
ANGULAR DIM. ±

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



REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
4	FFRD - 3M		10-17-55
4	FFRD-1,2,3		3-23-56

A-1134 B



2	3	EY-100-1	EYELET, FLAT FLANGE	
2	2	SC-107-1	BOLT, SPADE-OFFSET TYPE	
1	1	FP-108-7	CAN	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	CHG IT.#1 FR. MS-724 TO FP-108-7	3.4.64.	10969	WTS	<i>gpb</i>	<i>MM</i>
A	3	FFRD-1, 2, 3 ADDED	3-23-56	1	WTS	<i>P.L.K.</i>	<i>W</i>
A	2	1/4 WAS 1/8	3-23-56	1	WTS	<i>P.L.K.</i>	<i>W</i>
A	1	FP-108-7 WAS FP-108-6	3-23-56	1	WTS	<i>P.L.K.</i>	<i>W</i>

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
#			
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
ALUMINUM		CAN	
MATERIAL			
250	#	<i>PB 10-17-55</i>	<i>J.H.S.</i>
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN
#			<i>P.L.K.</i>
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			<i>W</i>
			G.T.O.
			FINAL APPROVAL
			A-1134 B

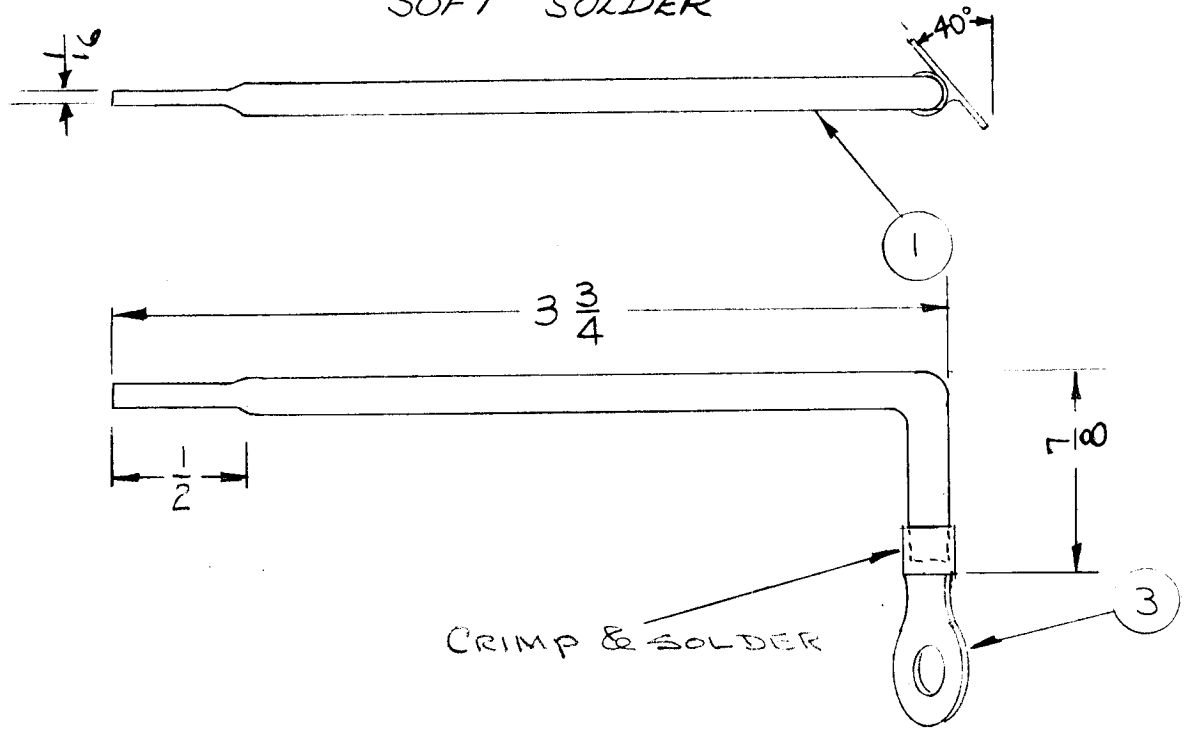
NOTE

SEAL ALL ENDS WITH  
SOFT SOLDER

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	RAC-18	A-1137	11/7/55
1	RAC-7A	A-1354	10/30/56

A-1135

C



CRIMP & SOLDER

X	5	BS-100	SOLDER, SOFT	
	4		DELETED	
1	3	TE-141-A	LUG, TERMINAL	
	2		DELETED	
5"	1	TU-100-2N	TUBING, COPPER	

C	2	IT.1 WAS IREQ-TU-100-2 FINISH WAS S425 TYPE 2	6.16.64	11570	WNB	Johnson	MMK
B	1	DEL. ITEM 4 & UPDATED TO REFLECT CHANGES	1/24/64	10718	Sto	Sto	Sto
A	4	NOTE ADDED	8-19-60	2-8-05	Byt	JCB	JHl
	3	DIM 4 5/8 WAS 3 5/8					
	2	1" FLAT ADDED					
	1	TE-143 DELETED					

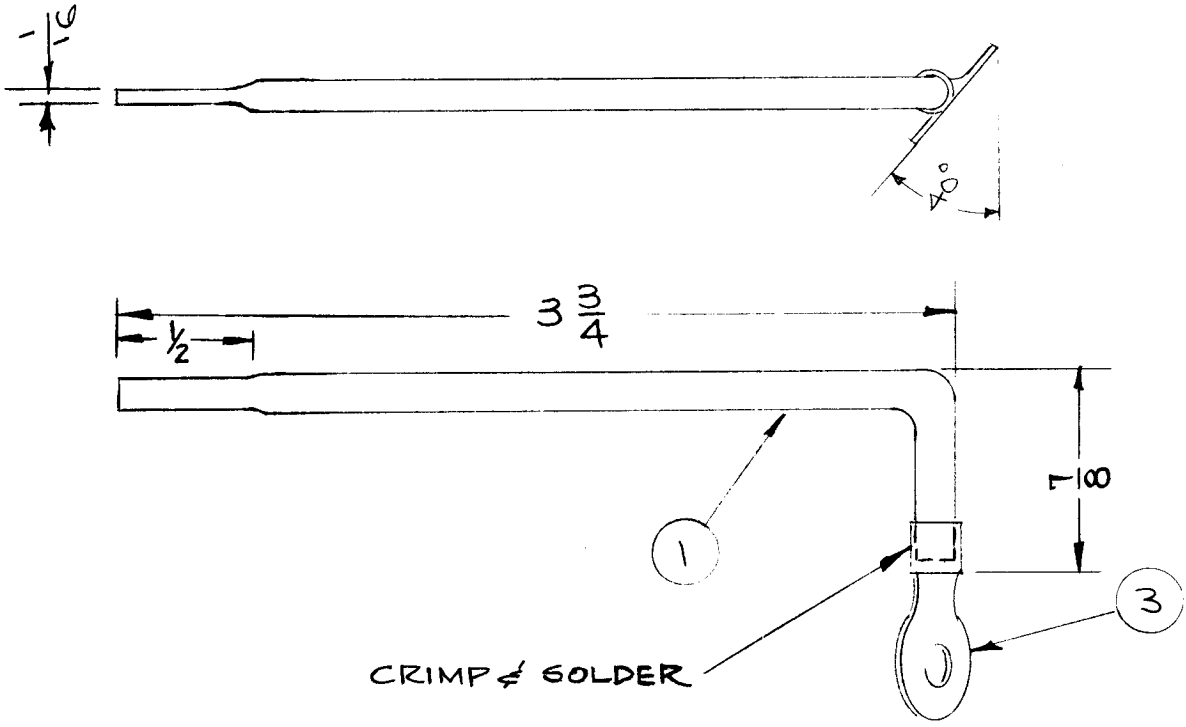
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
STOCK SIZE		LEAD, ELECTRICAL	
MATERIAL			
TYPE & TEMPER		SILVER PLATE S245	
HEAT TREAT. SPEC.		CLEAR IRIDITE S423	
FINISH & SPEC. NO.			
DRAWN		elb	
CHECKED		elb	
FINAL APPROVAL		A-1135	C
ELEC. DES. APP.			
MECH. DES. APP.			

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: DO NOT SCALE				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							

**NOTE**  
SEAL ALL ENDS WITH  
SOFT SOLDER

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	RAC-1B	A-1137	11/7/55
1	RAC-7A	A-1354	10/30/56

A-1136 C

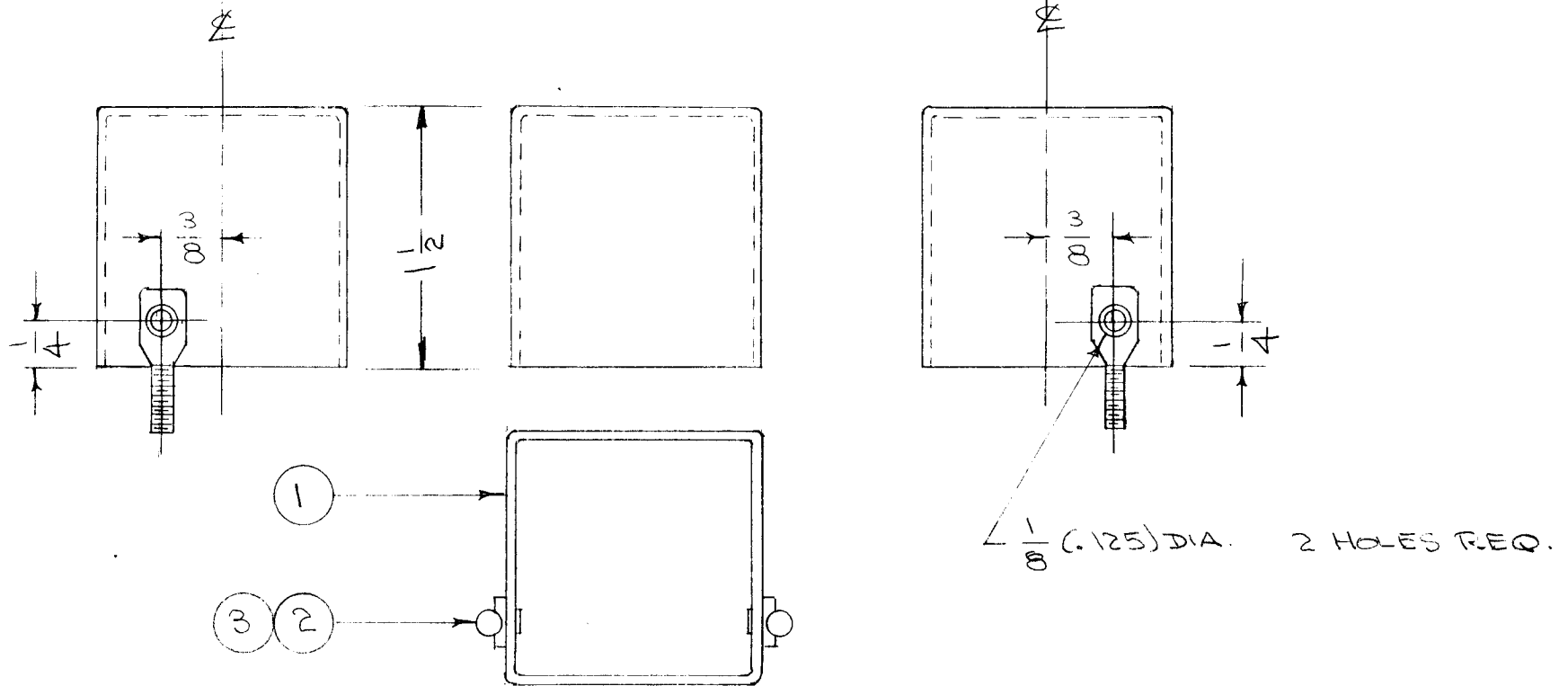


X	5	BS-100	SOLDER, SOFT	
	4		<del>DELETED</del>	
1	3	TE-141-4	LUG - TERMINAL	
	2		<del>DELETED</del>	
5"	1	TU-100-2N	TUBING, COPPER	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	2	IT.1, WAS 1 REQ-TU-100-2 FINISH WAS S425 TYPE 2	6.16.64	11570	JWB	<i>[Signature]</i>	<i>[Signature]</i>
B	1	DEL. ITEM 4, UPDATED DNG W/CHANGES.	1/20/64	1071B	JWB	<i>[Signature]</i>	<i>[Signature]</i>
A	4	NOTE ADDED	8-19-60	2-8-05	RGL	<i>[Signature]</i>	<i>[Signature]</i>
	3	DIM 4 5/8 WAS 3 5/8					
	2	1" FLAT ADDED					
	1	TE-143 DELETED					
TOLERANCES		SCALE: DO NOT SCALE					
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			STOCK SIZE	
			MATERIAL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			LEAD, ELECTRICAL	
			DRAWN: <i>[Signature]</i>	
			CHECKED: <i>[Signature]</i>	
			FINAL APPROVAL: <i>[Signature]</i>	
			TYPE & TEMPER: SILVER PLATE S245 CLEAR IRIDITE S423	
			FINISH & SPEC. NO.	
			ELEC. DES. APP.	
			MECH. DES. APP.	
			A-1136	C

REQ. PER UNIT	USED ON			A-1147
	MODEL	ASS'Y. NO.	DATE	
1	FFRD-1, 2, 3		11-14-55	



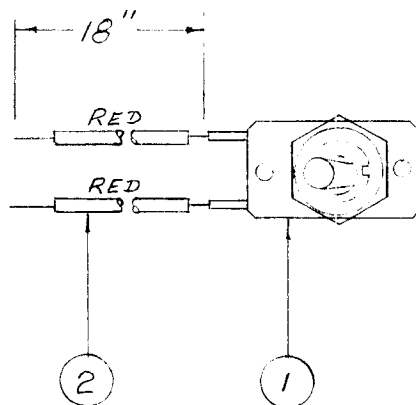
2	3	EY-100-1	EYELET, FLAT FLANGE	
2	2	SC-107-1	SPADE BOLT, OFFSET	
1	1	FP-108-2	CAN (MODIFIED AS SHOWN)	

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK	
		CAN, SUB ASSY	
		FILTER FFRD-1-2-3	
		ADD 1/4"K	WOK
		PLK 4-10-56	WOK
		ELEC. DES. APP.	MECH. DES. APP.
		A-1147	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ± 1/64			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							

REQ. PER UNIT	USED ON			A-1160
	MODEL	ASS'Y. NO.	DATE	
1	GPC		11-28-55	



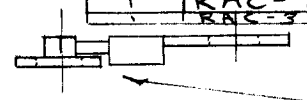
X	3	BS-100	SOLDER, SOFT	
36"	2	SR1R <sup>3</sup> / <sub>5</sub> (7)22U22	CABLE, INSULATED	RED
1	1	ST-103-1-62	SWITCH, TOGGLE	
REQ. ITEM	PART NO.		DESCRIPTION	SYMBOL
STOCK SIZE			<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK WIRING ASS'Y., S1 GPC	
MATERIAL				
TYPE & TEMPER				
HEAT TREAT. SPEC.		DRAWN	CHECKED	FINAL APPR VAL
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	
TOLERANCES		SCALE:		
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		
		11-28-55	JADe	HHH
				A-1160

# STANDARD DRAWING

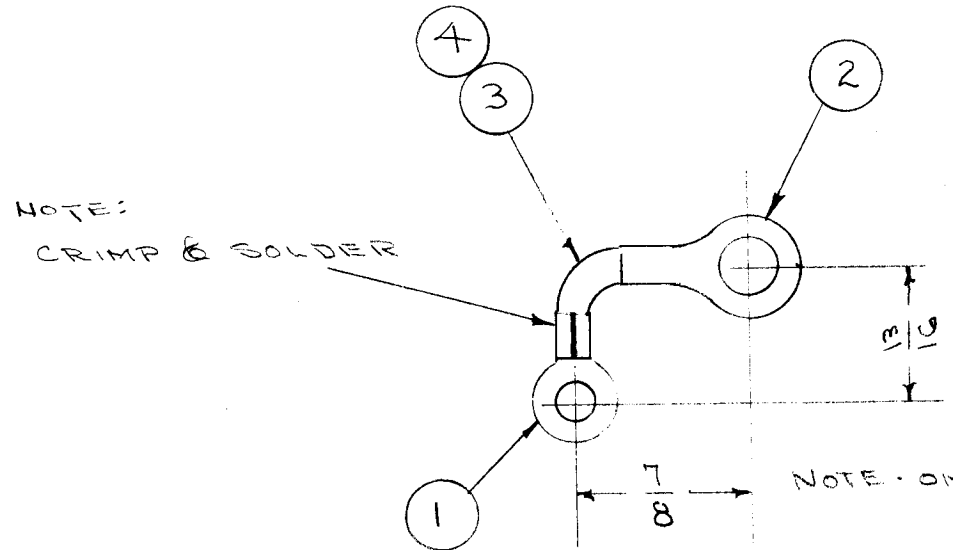
QUAN	MODEL
1	BAC-1

REQ. PER UNIT	USED ON		
	MODEL	ASSY. N.	DATE
1	RAC-18	A-1137	12/2/55
1	RAC-7A	A-1354	10/30/56
1	RAC-8	A-1423	10-13-57

A-1164 A



NOTE POSITION OF LUGS



NOTE:  
CRIMP & SOLDER

NOTE - ONE LUG FEELING UP - OTHER DOWN

X	4	BS-100	SOLDER, SOFT
	3	WL-100-1	WIRE, BUSS BAR (10 G.A)
1	2	TE-141-4	TERMINAL
1	1	TE-141-3	TERMINAL

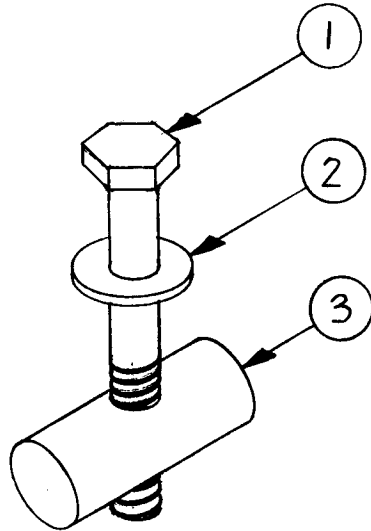
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	FINISH WAS S105	9/28/66	16895	HEA	CB	MA
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. ±							
ANGULAR DIM. ±							

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK. NEW YORK <b>GROUND STRAP, CASE</b>			
MATERIAL		TYPE & TEMPER S245 SILVER PLATE S423 CLEAR IRIDITE FINISH & SPEC. NO.	HEAT TREAT. SPEC. DRAWN CHECKED FINAL APPROVAL
STOCK SIZE		DRAWN: <i>FAID</i> CHECKED: <i>ews</i> FINAL APPROVAL: <i>aprs</i>	ELEC. DES. APP. MECH. DES. APP.

A-1164 A

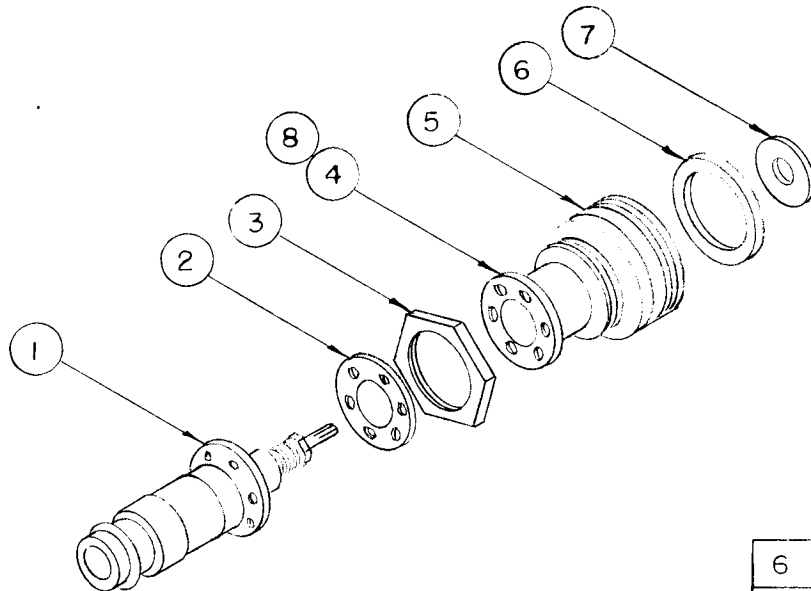
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT	USED ON			A-1166
	MODEL	ASS'Y. NO.	DATE	
	4	RAC	8-1-62	



1	3	PM-100	HINGE PIN			
1	2	FW25MSS	WASHER, FLAT			
1	1	SC-108-9	SCREW, HEXAGONAL			
REQ.	ITEM	PART NO.	DEGRADE	DESCRIPTION	SYMBOL	
STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MATERIAL			HARDWARE KIT, COVER			
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	A-1166		

REQ. PER UNIT	USED ON			A-1173
	MODEL	ASS'Y. NO.	DATE	
1	TCA 85/35 QDL	A-1174		



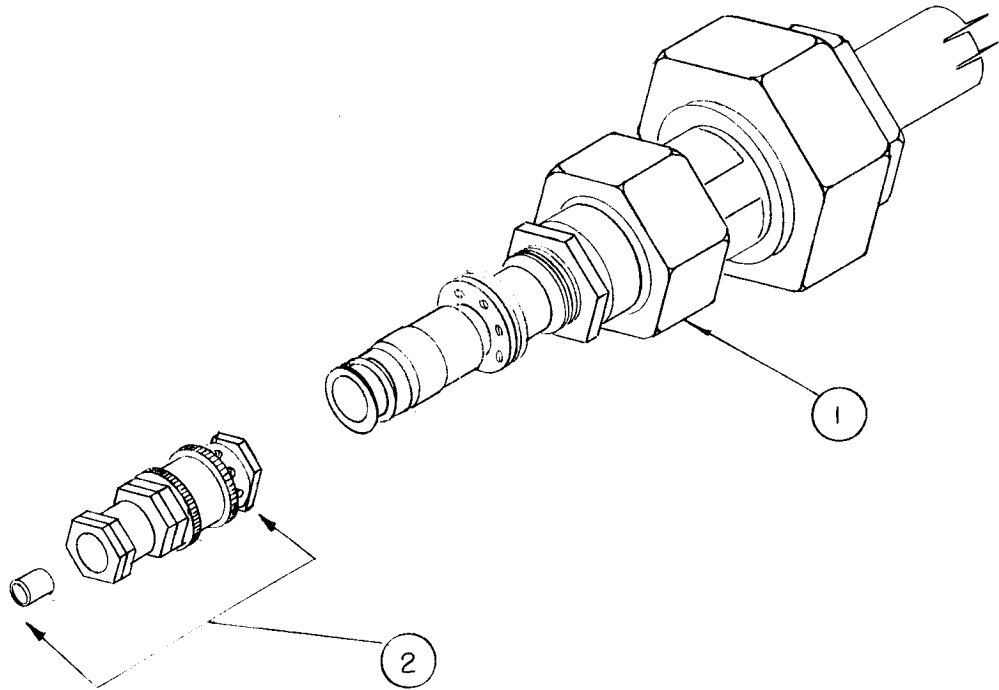
6	8	LWS04MRS	LOCKWASHER
1	7	PX-106	TEFLON WASHER #2
1	6	GA-108	GASKET
1	5	SM-135	ADAPTER
6	4	SCPS0440BC5	SCREW, MACHINE
1	3	NT-103	NUT, MOUNTING
1	2	GA-135	GASKET
1	1	JJ-134	CONNECTOR, RECEPTACLE

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
MATERIAL		ADAPTER RECEPTACLE ASS'Y.	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		12-21-55	JAD
			WJ
			A-1173



REQ. PER UNIT	USED ON			A-1177
	MODEL	ASS'Y. NO.	DATE	

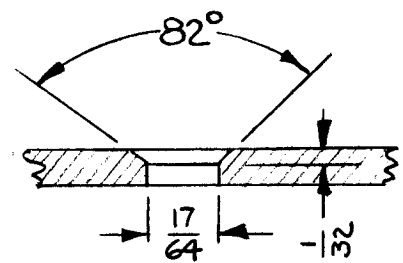
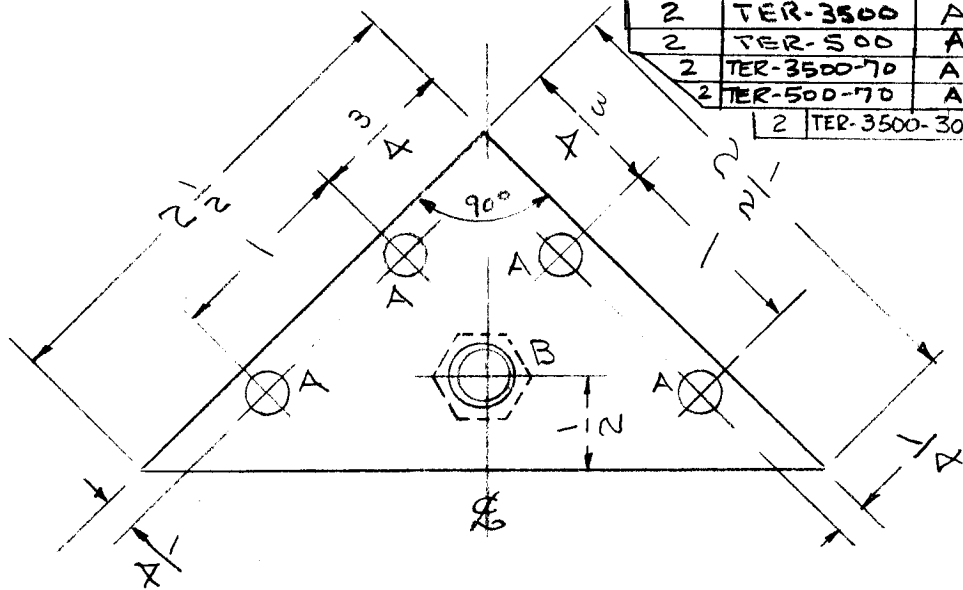


1	2	PL-136	CONNECTOR, PLUG	
1	1	A-1174	CONNECTOR, RECEPTACLE	
REQ. ITEM	PART NO.		DESCRIPTION	SYMBOL
STOCK SIZE			<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK. NEW YORK	
MATERIAL				
TYPE & TEMPER			HEAT TREAT. SPEC.	DRAWN
FINISH & SPEC. NO.			ELEC. DES. APP.	MECH. DES. APP.
TOLERANCES			SCALE:	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
12-21-55 <i>WJC</i>			<i>WJC</i> A-1177	

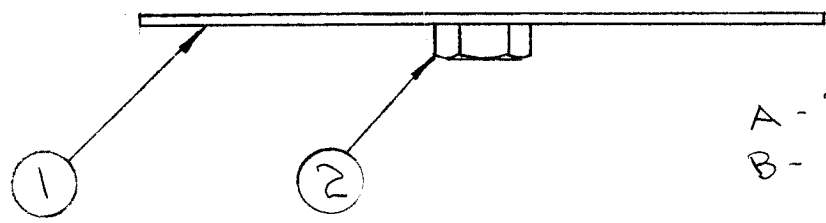
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
2	TER-3500	A-1223	12/19/57
2	TER-500	A-1223	8-21-56
2	TER-3500-70	A-1223	10-23-57
2	TER-500-70	A-1223	10-23-57
2	TER-3500-300	A-1223	2-8-61

A-1183 C



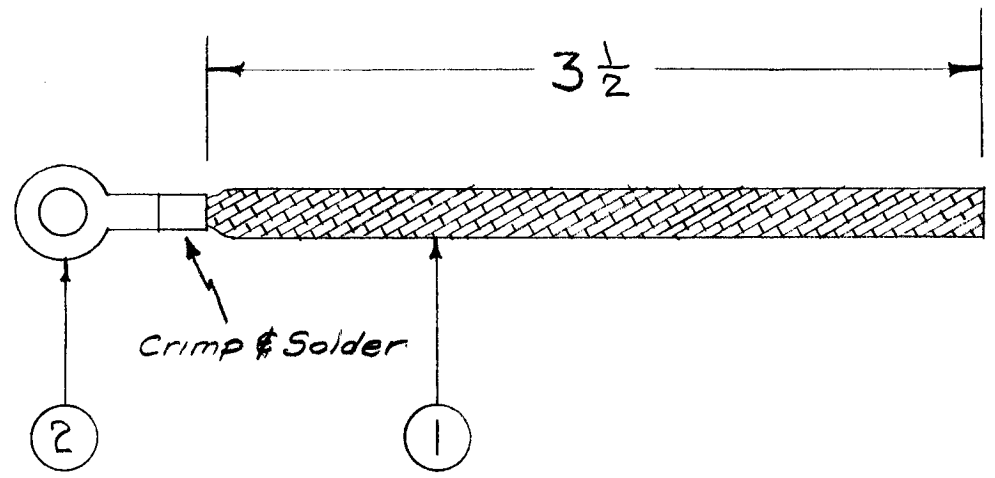
DETAIL "B"



A - 3/16 (.187) DIA. 4 HOLES REQ.  
 B - SEE DETAIL 1 " "

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL			
C	1	DETAIL "B" ADDED	9.17.64	12396	WLB	[Signature]	[Signature]	1	2	SM-107-43	INSERT, HEX.				
B	1	8404 IRIDITE WAS 6101 CAUSTIC DIP	12-7-59	1001	[Signature]	[Signature]	EMN	1	1	MS-759	TOP COVER SUPPORT (NO DWG.)				
A	1	1/4 WAS 7/32	8/21/56	1	[Signature]	[Signature]	[Signature]								
TOLERANCES								SCALE:							
DEC. DIM. ±								MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.							
FRAC. DIM. ± 1/64								REM VE ALL BURRS AND SHARP EDGES							
ANGULAR DIM. ±															
								57S H32		ELEC. DES. APP.		MECH. DES. APP.			
								TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED	
								S404-IRIDITE				[Signature]		[Signature]	
								FINISH & SPEC. NO.				A-1183		C	

REQ. PER UNIT	USED ON			A-1196	A
	MODEL	ASS'Y. NO.	DATE		
3	TER-3500	A-1143 A-1376	1-23-56		



X	3	BS-100	SOLDER, SOFT	
1	2	TE-141-4	TERMINAL	
X	1	WL-103-4	SHIELD, FLEX	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	Length was 4"	2/14/57	1	16	JALD	AMB

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		STRAP, CONNECTOR	
		TER-3500	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		W	W
		FINAL APPROVAL	
		A-1196 A	

TOLERANCES

SCALE:

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

REC. DIM. ±  
RAC. DIM. ±  
ANGULAR DIM. ±