

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

REQ. PER UNIT

2

USED ON

MODEL

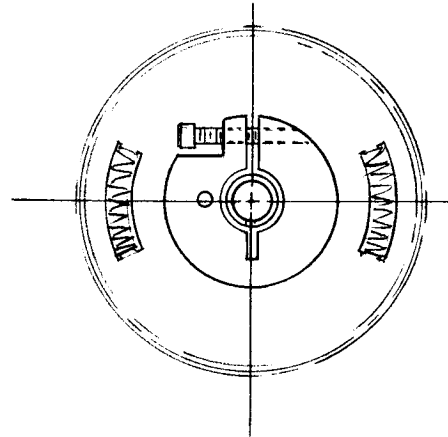
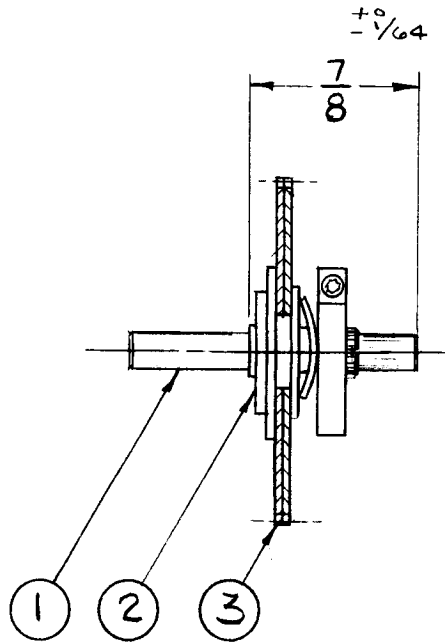
GPR-92

ASS'Y. NO.

DATE

16 DEC 62

A-3100



ASSEMBLY PROCEDURE

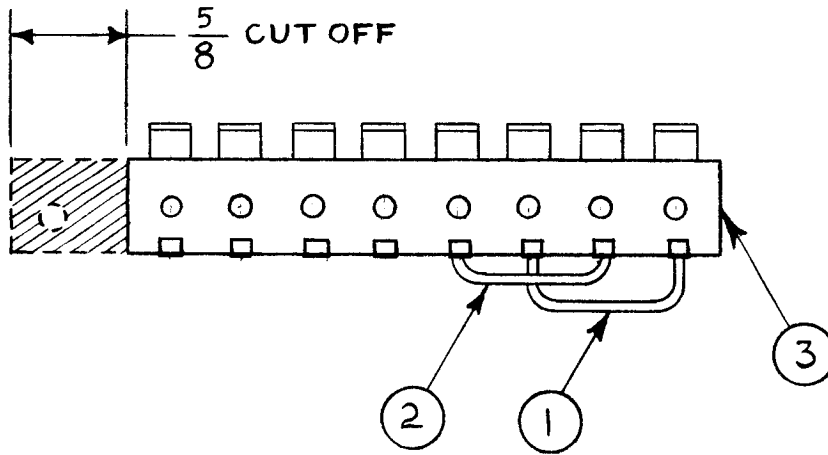
- 1) DIS-ASSEMBLE SLIP CLUTCH, ITEM 2.
- 2) INSERT SHAFT, ITEM 1, & SPLIT GEAR ASSY, ITEM 3, AS SHOWN.
- 3) ASSEMBLE SLIP CLUTCH & ADJUST TO 50 INCH-OZ. TORQUE.

1	3	GR-174	GEAR ASSY, SPLIT
1	2	PO-235	CLUTCH, SLIP
1	1	PM-804-3	SHAFT

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
							THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK				
							GEAR & CLUTCH ASSY				
							MATERIAL				
							TYPE & TEMPER HEAT TREAT. SPEC. DRAWN CHECKED FINAL APPROVAL				
							FINISH & SPEC. NO. ELEC. DES. APP. MECH. DES. APP.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE FULL					T. RAMIREZ <i>TWR</i>		<i>BP</i>		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE				<i>D. 11</i>		A-3100		

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

REQ. PER UNIT	USED ON		A-3102	A
	MODEL	ASS'Y. NO.		
1	DDR-6D		1/7/63	



NOTE:
 REMOVE SHADED AREA OF ITEM 3 BEFORE ASSEMBLY.
 AFTER CRIMPING TERMINALS SOLDER ALL CONNECTIONS.

SEE NOTE →

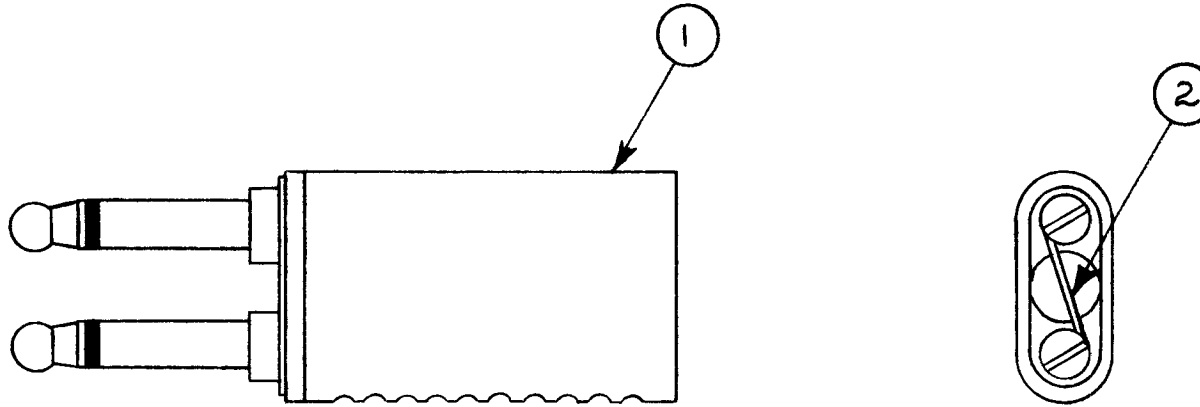
X	4	BS-100	SOLDER, SOFT	
1	3	TM105-8-AL	FANNING STRIP (MOD)	
2"	2	MWC 22(7)U6	WIRE, INSULATED	BLU
2"	1	MWC 22(7)U5	WIRE, INSULATED	GRN

REQ.	ITEM	PART NO.	STRUMER	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK					
STOCK SIZE					
TERMINAL BOARD JUMPER ASSY					
(2 WIRE)					
MATERIAL					
TYPE & TEMPER HEAT TREAT. SPEC. DRAWN CHECKED FINAL APPROVAL					
FINISH & SPEC. NO. ELEC. DES. APP. MECH. DES. APP.					

A	TITLE WAS "FANNING STRIP ASSY. JUMPER" ITEMS 1&2 REQ WAS 1, "MWC" WAS "LWC"	3-14-63	8532	RC	JMA	JMA	JMA
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE		FULL			
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'		TOLERANCES			

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

REQ. PER UNIT	USED ON			A-3103	A
	MODEL	ASS'Y. NO.	DATE		
3	DDR-6D		1-7-63		



NOTE: WRAP ITEM 2 AROUND SCREWS AS SHOWN

								1 1/2"	2	WL-1003	WIRE, BUSS BAR, TINNED		
								1	1	PL-194	PLUG, TELEPHONE		
								REQ. ITEM		PART NO.	STRUMER DESCRIPTION	SYMBOL	
								STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
								MATERIAL		SHORTING PLUG ASSY			
A	TITLE WAS "ASSY, SHORTING PLUG" ITEM 2-ADDED QTY	3-14-63	8532	RC	<i>JMA</i>	<i>JMA</i>							
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE		FULL							<i>H. Peto</i>	<i>JMA</i>	<i>BP</i>
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'		TOLERANCES		CODE		TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
										<i>JMA</i>	<i>JMA</i>	A-3103 A	
								FINISH & SPEC. NO.		EEC. DES. APP.	TECH. DES. APP.		

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

REQ. PER UNIT

1

USED ON

MODEL

GPR-92

ASSY NO.

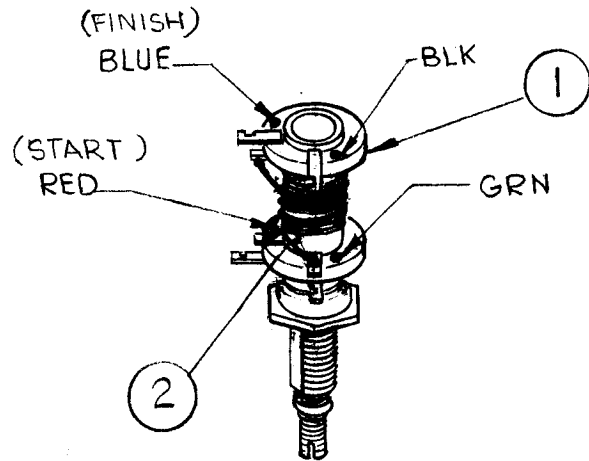
T129

DATE

1-8-63

A-3108

A

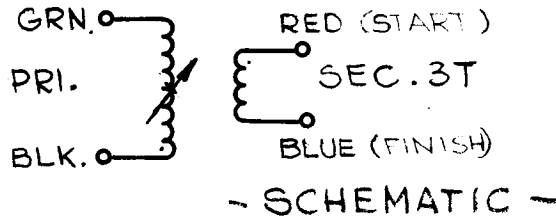


NOTE:
COLOR CODE AS SHOWN

- WINDING PROCEDURE —
- 1 - CLOSE WIND 3 TURNS OF ITEM 2 ON TOP OF PRIMARY WINDING. STARTING AT BLUE TERM. FINISH AT RED TERM.
 - 2 - PAINT COIL WITH INSULEX (ITEM 3).
 - 3 - STRIP ENDS OF ITEM 2 AND WRAP AROUND BLUE AND RED TERMINALS AND SOLDER.

— TEST SPECIFICATIONS —

L = 2.73 - 3.85 μ h
 TEST FREQ = 7.9 MC
 Q = 60 OR GREATER



X	4	BS-100	SOLDER, SOFT
X	3	GL-104-2	INSULEX, U-85
	2	WI-122-28	MAGNET WIRE, SINGLE
1	1	CL-307-1	COIL, RF, TUNED

REQ. ITEM	PART NO.	STRUMER DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE	
		TT-188 ASSEMBLY	
		MATERIAL	
		TYPE & TEMPER HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE

A PICTORIAL CLARIFIED WINDING PROCEDURE CLARIFIED		4-4-63	8720	<i>[Signature]</i>	<i>[Signature]</i>	
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
				G.D.L. <i>[Signature]</i>		
				DRAWN <i>[Signature]</i> CHECKED <i>[Signature]</i> FINAL APPROVAL <i>[Signature]</i>		
				A-3108 A		

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

REQ. PER UNIT

1

GPR-92

USED ON

MODEL

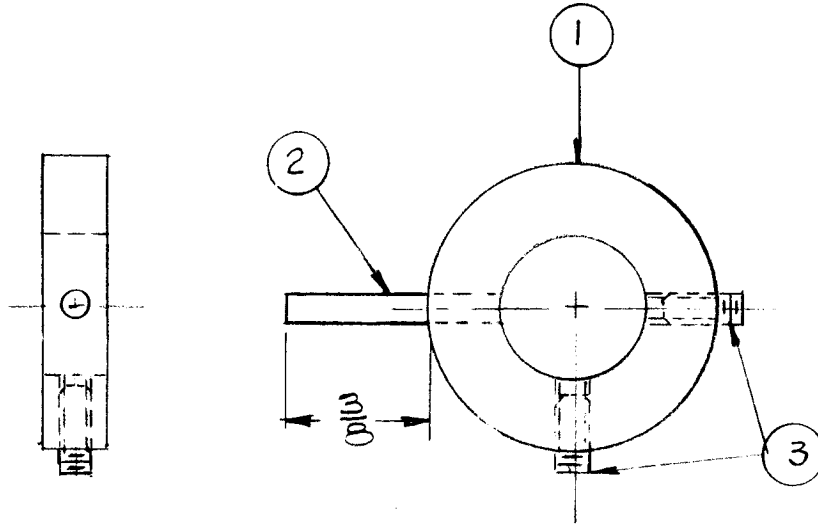
ASS'Y. NO.

DATE

2-25-63

A-3128

A



2	3	SLHC0440SP4	SETSCREW
1	2	PN-114-4	PIN, GROOVE
1	1	PM-833	COLLAR, SHAFT

REQ.	ITEM	PART NO.	STRUMER	DESCRIPTION	SYMB	L
STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MATERIAL			SHAFT, STOP ASS'Y.			
TYPE & TEMPER			G.D.L. <i>gdl</i> <i>BP</i>			
HEAT TREAT. SPEC.			DRAWN <i>gdl</i> CHECKED <i>gdl</i> FINAL APPROVAL <i>BP</i>			
FINISH & SPEC. NO.			ELEC. DES. APP. <i>gdl</i> MECH. DES. APP. <i>gdl</i> A-3128 A			

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	ITEM (3) WAS SLHC0256SP4 ITEM (2) WAS PN152-062-11, 1/2 LG OUT	9-17-63	9930	<i>gdl</i>	<i>gdl</i>	<i>gdl</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE 2:1				
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE			

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

REQ. PER UNIT

1

USED ON

MODEL

ASS'Y. NO.

DATE

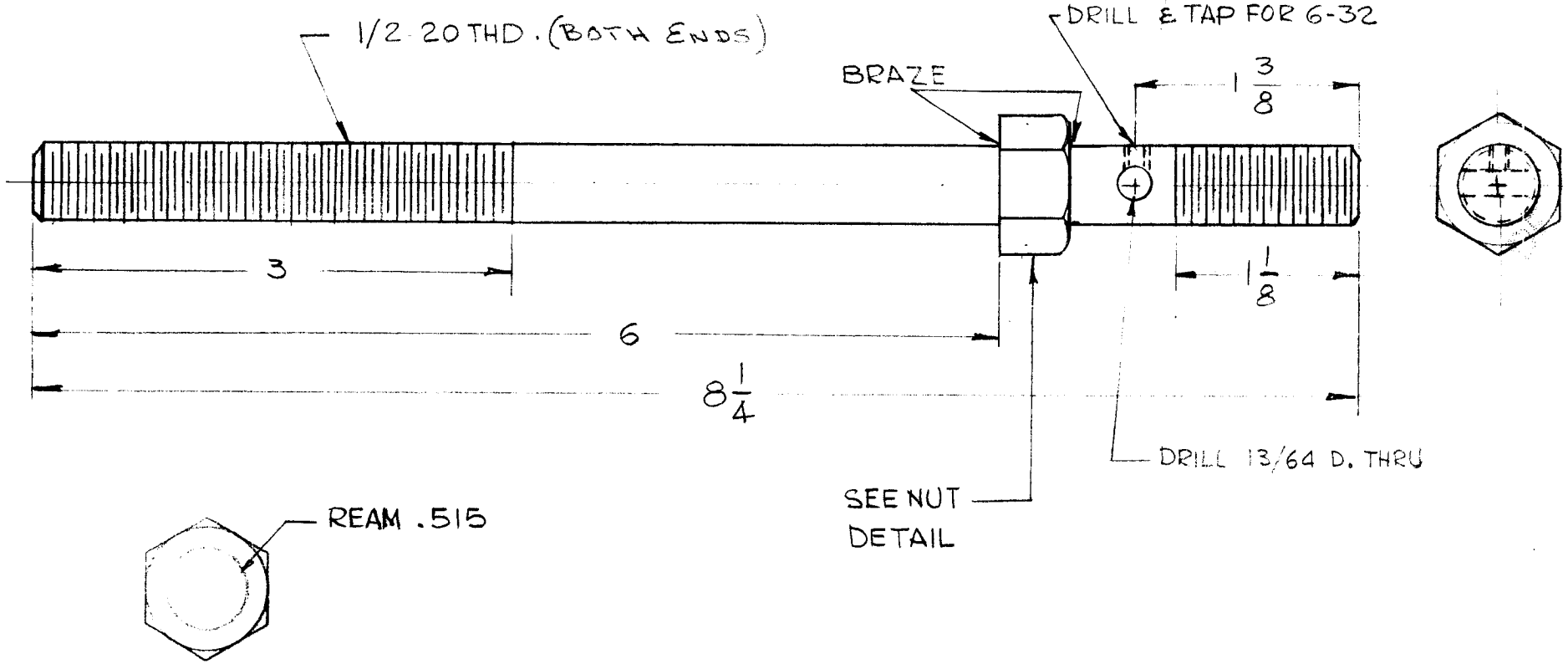
TER 5000-300U

A-3130

3-2-63

A-3131

A



NUT DETAIL
(TMC NO. NTH5020BR24)
MODIFY AS SHOWN

REQ.	ITEM	PART NO.	DESCRIPTION	SYMB L
1	1	NTH5020BR24	NUT, HEX (MODIFY AS SHOWN)	
STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
MATERIAL			ANTENNA STUD ASSY.	
A	FINISH STANDARDIZED	9-5-63	9801	M. J. B. P. B.
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'		CODE
TOLERANCES		FINISH & SPEC. NO.		
		ELEC. DES. APP. MECH. DES. APP.		
		G.D.L. aa BP		
		DRAWN CHECKED FINAL APPROVAL		
		S-245 SILVER PLATE .0003 S-423 CLEAR IRIDITE		
		A-3131 A		

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

REQ. PER UNIT

1

TER-5000-300U

USED ON

MODEL

ASS'Y. NO.

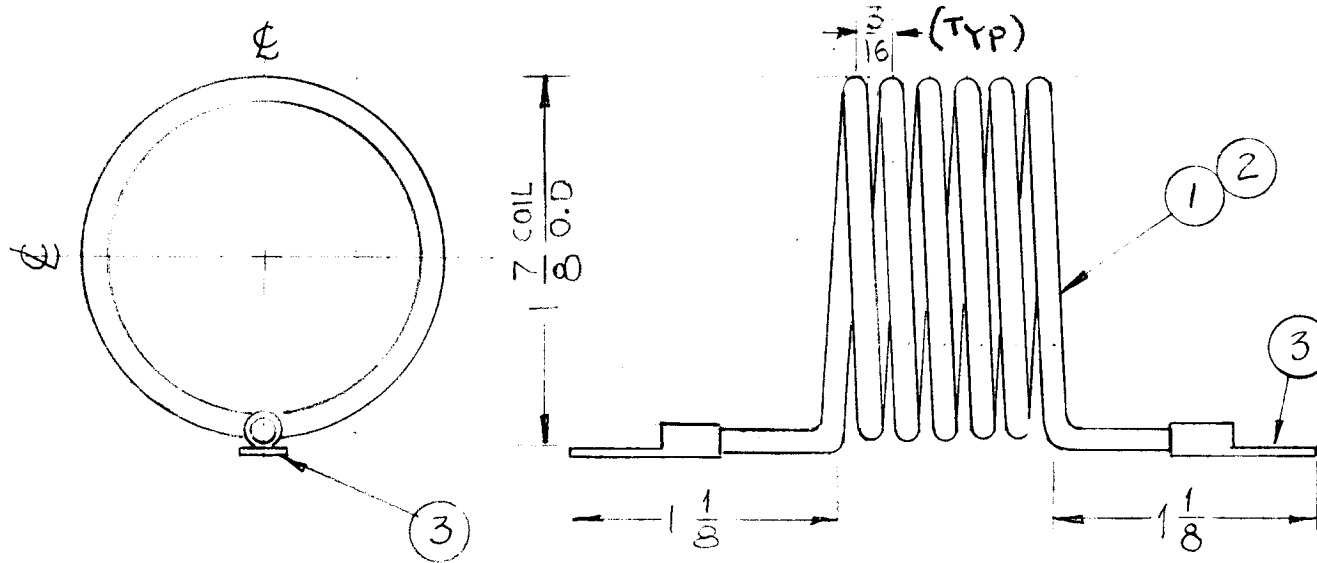
DATE

3-26-63

A-3132

B

NOTE: SHRINK ITEM #2 ON ITEM #1 AS PER TMC S-825



NOTES: 6 TURNS WOUND ON 1 1/2" DIA. FORM

X	4	BS-100	SOLDER, SOFT
	2	TE-141-4	TERMINAL, LUG
X	2	PX-845-125	INSULATION, SLEEVING, SHRINK
X	1	TU-100-2S	TUBING, COPPER, SILVER PLATED

REQ.	ITEM	PART NO.	BUDETTI DESCRIPTION	SYMBOL						
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK							
B			CL-308 COIL ASS'Y.							
A										
SYM	DESCRIPTION		DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			SCALE							
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005			FRACTIONS ± 1/64 ANGLES ± 0° 30'			CODE				
TOLERANCES			FINISH & SPEC. NO.							
			G.D.L.		DRAWN		CHECKED		FINAL APPROVAL	
			ELEC. DES. APP.		MECH. DES. APP.		A-3132		B	

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

REQ. PER UNIT

1

HFR-1

USED ON

MODEL

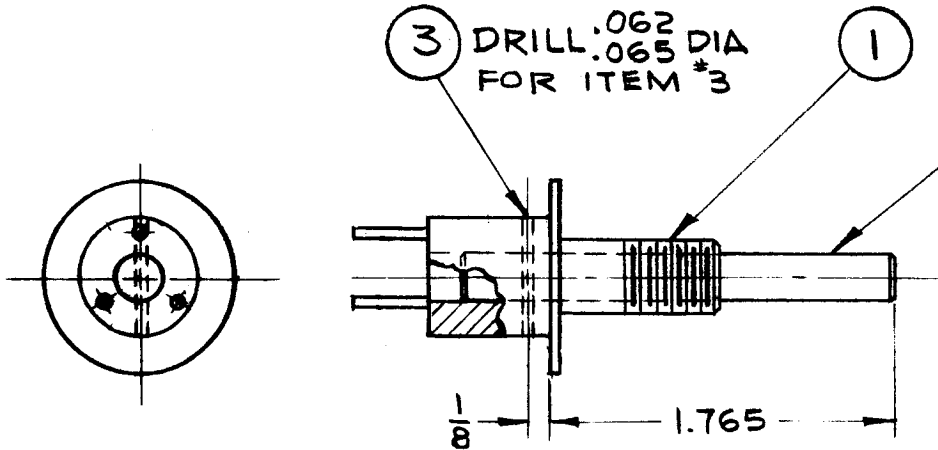
ASS'Y. NO.

DATE

3-28-63

A-3135

B



ASS'Y NOTES:

INSERT SHAFT ITEM #2 INTO CLUTCH AS SHOWN, AND DRILL THRU & PIN WITH ITEM #3

NOTE:

SLIP CLUTCH ITEM #1 SHOWN WITHOUT SPRING, NUTS & WASHERS FOR CLARITY.

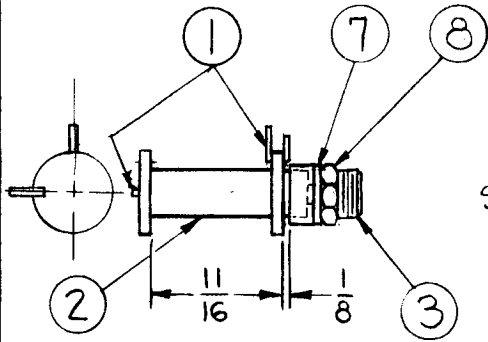
1	3	PN 59-062-9	PIN, SPRING
1	2	PM1051RF2.250	SHAFT, PRECISION
1	1	PO 247	CLUTCH, SLIP

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
CLUTCH SLIP, ASS'Y			
MATERIAL			
TYPE & TEMPER HEAT TREAT. SPEC. DRAWN CHECKED FINAL APPROVAL			
FINISH & SPEC. NO. ELEC. DES. APP. MECH. DES. APP.			

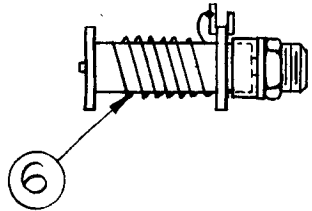
B	ITEM 2 WAS PM804-1	6/30/64	11669	A.M.	<i>[Signature]</i>	<i>[Signature]</i>
A	ON ITEMS (1)(2) & (3), QUANTITY ADDED	3-11-63	8483	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE 1/1				
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE			

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

REQ. PER UNIT	USED ON			A-3138	D
	MODEL	ASS'Y. NO.	DATE		
1	HFS-1	CL-309	3-14-63		



STAGE-1



STAGE-2

* L TO BE MEASURED WITH LEADS 3/8" LONG OR LESS.

PROCEDURE

1. ASSEMBLE TERMINALS (ITEM 1) & BUSHING (ITEM 3) AND SECURE TO COIL FORM (ITEM 2) AS SHOWN WITH INSULEX (ITEM 9), DO NOT ALLOW INSULEX TO FORM ON TERMINAL TIPS.
2. WIND $6\frac{1}{4}$ TURNS OF WIRE WI-122-18 (ITEM 6) EVENLY SPACED ON (ITEM 2) AND SOLDER LEADS TO TERM AS SHOWN.
3. COAT WINDING WITH GL-102 (ITEM 5).
4. BAKE FOR $\frac{1}{2}$ HOUR AT 250° .
5. L = .17 μ h \pm .03 μ h AT 25.2 MC. *
6. Q MIN = 160 AT 50 MC.

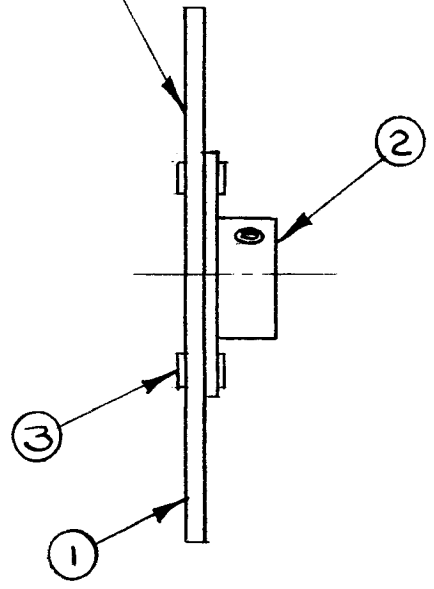
X	9	GL-104-2	INSULEX, U-85
1	8	NTH0832BNB	NUT, HEX.
1	7	LW108MRN	LOCKWASHER, INTERNAL
X	6	WI-122-18	MAGNET WIRE, SINGLE
X	5	GL-102	Q - DOPE
X	4	BS-100	SOLDER, SOFT
1	3	SM-140-2	BUSHING, COIL MTG.
1	2	CF-122-1.00	COIL FORM
2	1	TE-181-1	TERMINAL, COLLAR

D	BOT. TERM COLLAR REL	6.20.66	16419	WTO	RS	CS
C	NOTE 5, WAS .22 μ h \pm .04 UPDATED, NOTE 2	9-23-63	10035	BD	JWS	CS
B	NOTE 2 WAS 7 TURNS	7-10-63	8485	ED	N.P.	CS
A	ITEM (9) WAS GL-104 ITEM (8) WAS NTH0832BNB	3-28-63	8671	RC	JWS	CS
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE				
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005		TOLERANCES		FRACTIONS \pm 1/64 ANGLES \pm 0° 30'		
CODE						

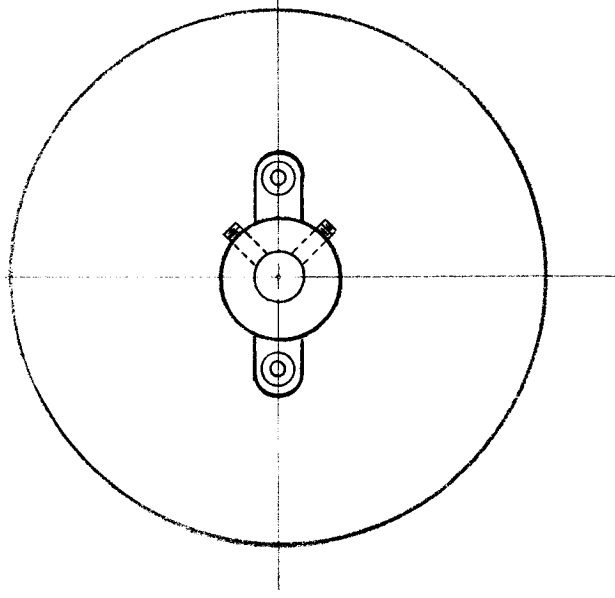
REQ. ITEM	PART NO.	S. STRUMER	DESCRIPTION	SYMBOL
STOCK SIZE				
MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
CL-309 ASSEMBLY				
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	A-3138 D

REQ. PER UNIT	USED ON			A3147	Ø
	MODEL	ASS'Y. NO.	DATE		
1	XFK-1	A640			

CALIBRATION ON THIS SIDE



LINE UP "150" CALIBRATION MARK HERE (NOTE RELATIONSHIP TO COLLAR SETSCREWS) (APPROX.)



2	3	EY-100-1	EYELET	
1	2	MC-105-1	COLLAR	
1	1	NP-113	DIAL, FREQ. SHIFT	
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

Ø	ORIGINAL RELEASE FOR PRODUCTION	2.8.65	Ø	JL	16	
X	EXPER. RELEASE	2.4.65	X	WB	16	
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	—			
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE A			

STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MATERIAL		DIAL ASSY, FREQ. SHIFT			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
FINISH & SPEC. NO.		hro 2.4.65	JL	KOC	
		2.8.65		A3147 Ø	
		ELEC. DES. APP.	MECH. DES. APP.		

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

REQ. PER UNIT

USED ON

MODEL

ASS'Y. NO.

DATE

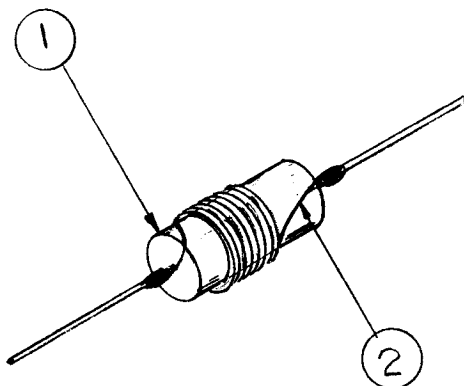
5-23-63

A-3166

PART NO.	NO. TURNS	TEST FREQ.	Q	INDUCTANCE	USED ON	REQ'D	SYMBOL
A-3166-1	27	7.95 MC	≥ 65	335 μ HY $\pm 10\%$	LFA-4	1	L3003
A-3166-2	22	7.95 MC	≥ 65	250 μ HY $\pm 10\%$	LFA-4	2	L3004, -06

ASSEMBLY PROCEDURE

- Solder one end of Item 2 to Item 1 as shown.
- Wind required number of turns of Item 2 to Item 1 as shown. (SEE CHART)
- Solder loose end of Item 2 to opposite end of Item 1.
- Test as per data above using Marconi Q meter OR EQUIV.
- Coat entire winding with Item 1.
- BAKE 1/2 HOUR AT 215° F.



X	4	GL-104-2	INSULEX, U85
X	3	BS-100	SOFT SOLDER
X	2	WI-122-28	#28 FORMVAR WIRE
1	1	RC42GF226K	RESISTOR, COMPOSITION

REQ.	ITEM	PART NO.	POSE	DESCRIPTION	SYMBOL	
STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK			
			CL-315 ASSEMBLY			
MATERIAL						
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	NONE			
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	TOLERANCES	FRACTIONS \pm 1/64 ANGLES \pm 0° 30'	CODE			
TYPE & TEMPER			HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.			TR		6/5/63	TFH 6-11-63
			A-3166			

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

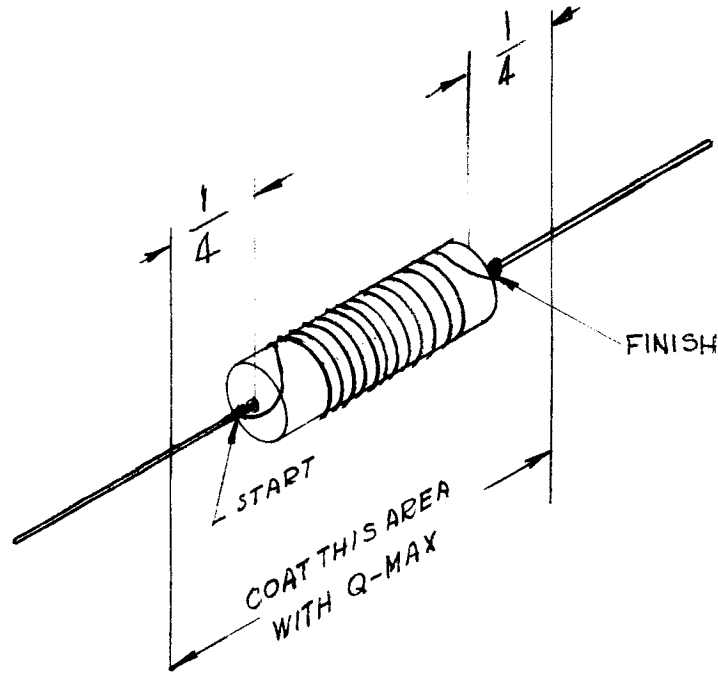
REQ. PER UNIT	USED ON	
	MODEL	DATE
2	TTR-10	5/24/63

A-3173

A

WINDING PROCEDURE:

1. WIND 12-1/2 TURNS CLOSEWOUND OF ITEM 2 ABOUT ITEM 1.
2. SOLDER ITEM 2 TO THE LEADS PROTRUDING FROM ITEM 1 WITH ITEM 4.
3. COAT COIL AND FORM WITH ITEM 3. DO NOT COAT LEADS 1/4 INCH FROM FORM.
4. BAKE FOR 1 HOUR AT 215° F. TO REMOVE ALL MOISTURE.



ELECTRICAL SPECIFICATIONS:

INDUCTANCE L = 2.55 uhy +.1 uhy
 MINIMUM Q = 80 AT TEST FREQUENCY OF 25 MC
 D.C. RESISTANCE = .008 OHMS

X	4	BS-100	SOLDER, SOFT
X	3	GL-102	Q-MAX
X	2	WI-122-18	MAGNET WIRE (SINGLE) #18
1	1	CI-114-2	CORE, FIXED

A		INDUCTANCE L WAS 1.0 uhy MINIMUM Q WAS 95	9.18.64	12411	WJB	@	MCA	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES								SCALE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
TOLERANCES								STOCK SIZE		CL-318 ASSY			
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005								MATERIAL		COIL, R.F., FIXED			
FRACTIONS ± 1/64 ANGLES ± 0° 30'								TYPE & TEMPER HEAT TREAT. SPEC.		DRAWN G.D.L.		5/28/63	BP
CODE A								FINISH & SPEC. NO.		ELEC. DES. APP. RON KOHN 6/14/63		MECH. DES. APP.	
										A-3173		A	

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

REQ. PER UNIT

1

MODEL

GPT-200K

USED ON

ASS'Y. NO.

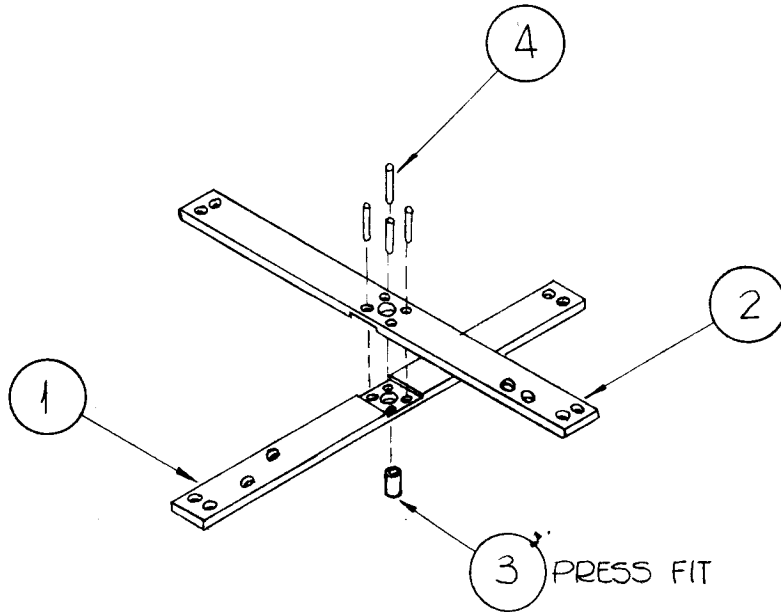
AS-123

DATE

6-10-63

A-3187

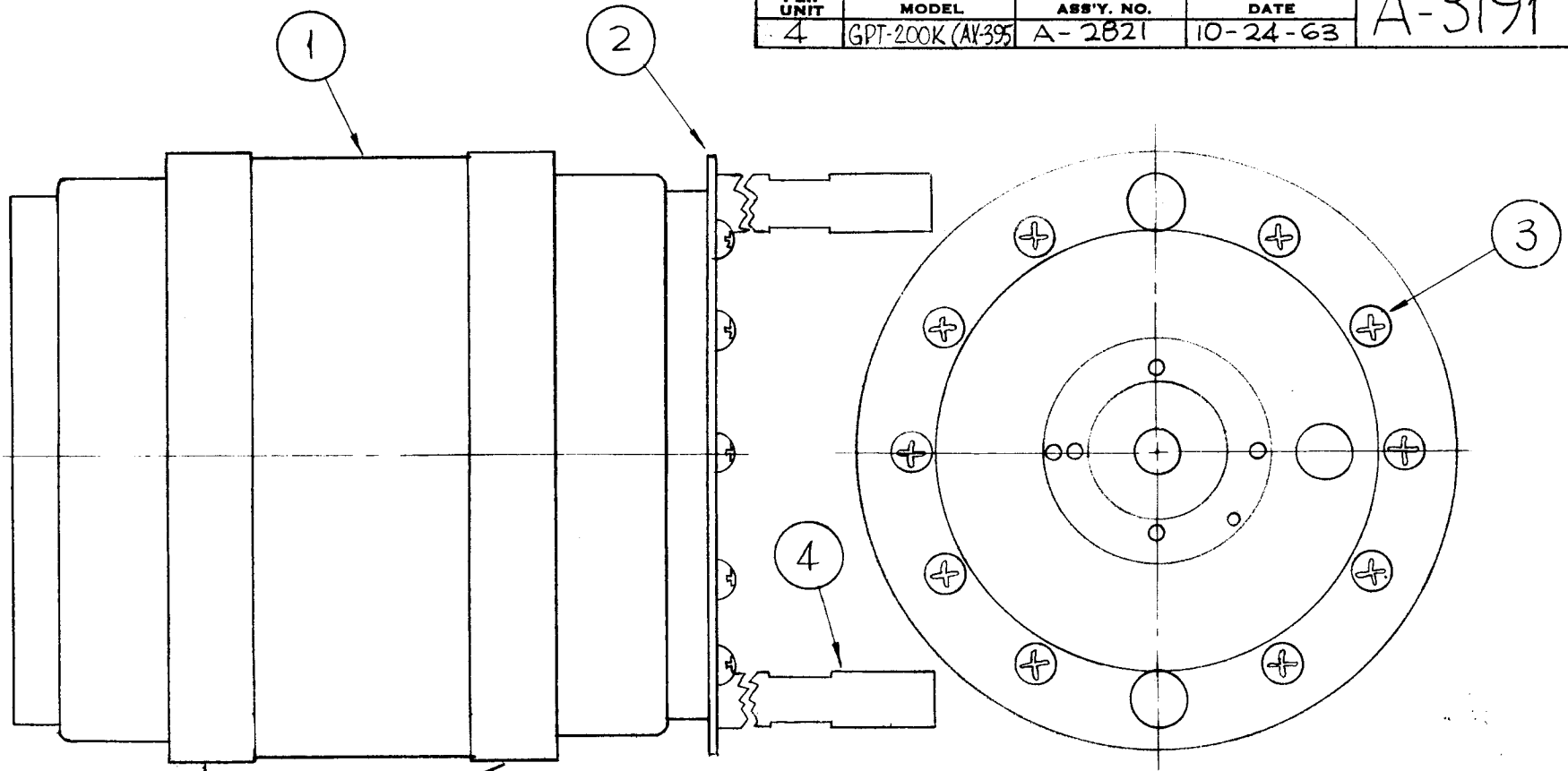
0



4	4	PX-759	PIN, PHENOLIC
1	3	BB-123-22	BEARING, OILITE
1	2	PX-715-2	SUPPORT TOP, BANDSWITCH
1	1	PX-715-1	SUPPORT TOP, BANDSWITCH

							REQ. ITEM	PART NO.	F BUDETTI	DESCRIPTION	SYMBOL	
							STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
O ORIGINAL RELEASE							5.16.64	JSB	ASS'Y SUPPORT TOP BANDSWITCH TT-1			
SYM	DESCRIPTION		DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES							SCALE					
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005							TOLERANCES		FRACTIONS ± 1/64 ANGLES ± 0° 30'		CODE	
							TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
							FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.	
									SRG	aa	RC	
									A-3187		0	

REQ. PER UNIT	USED ON			A-3191	0
	MODEL	ASS'Y. NO.	DATE		
4	GPT-200K (AV-395)	A-2821	10-24-63		



5 WIND 2 TURNS ON EACH SIDE

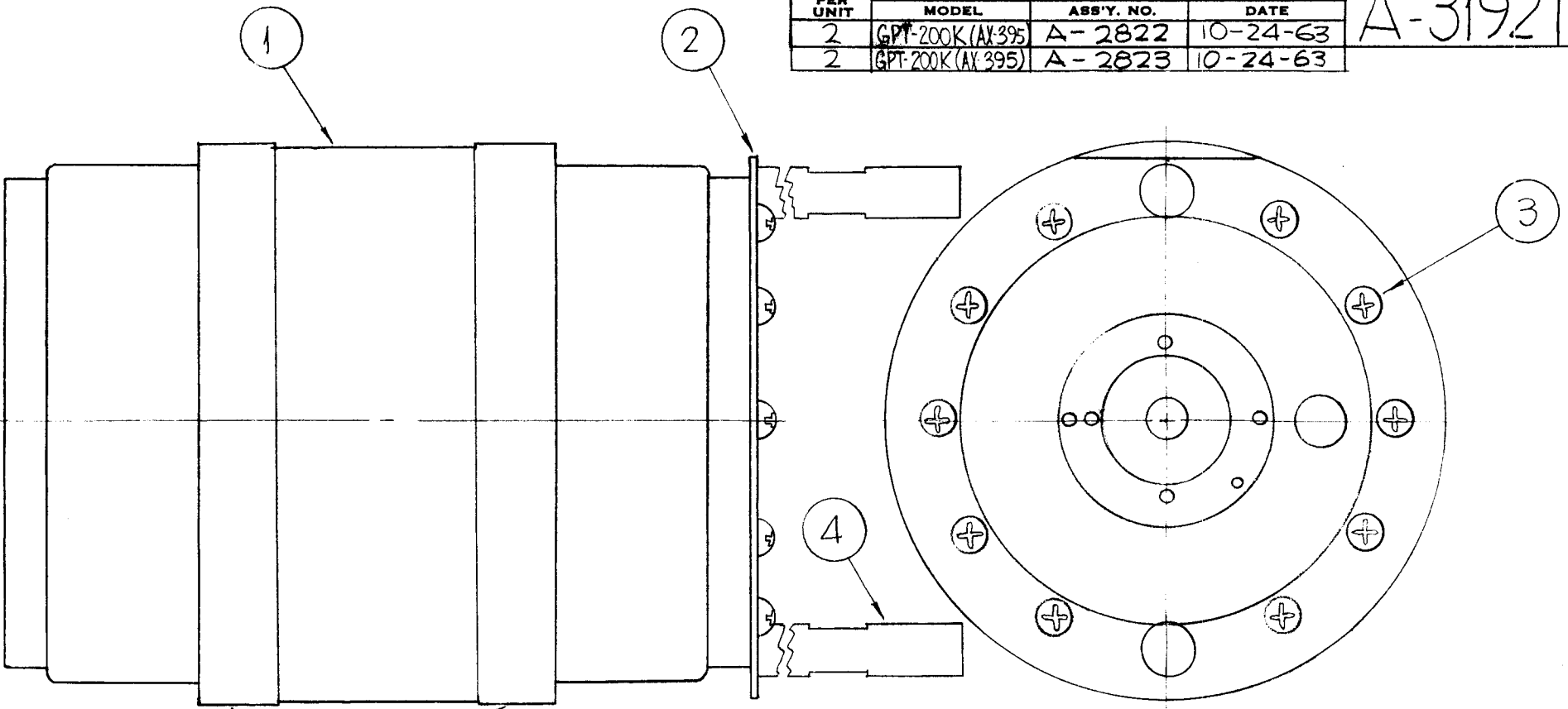
X	5	TA-113-3-1	ADHESIVE	
	2	PM-991	SPACER, SUPPORT	
	10	SCBP2520BN8	SCREW, MACHINE	
	1	PM-945	RING, CAPACITOR MTG.	
	1	CB-167-1	CAP. VARIABLE, VACUUM CERAMIC CASE	C5323, C5324 C5325, C5326

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
0	ORIGINAL RELEASE FOR PRODUCTION	3-1-64				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE				
		1/2" = 1"				
DECIMALS	FRACTIONS	CODE				
.X ± .05	± 1/64	A				
.XX ± .01	ANGLES					
.XXX ± .005	± 0° 30'					

REQ. ITEM	PART NO.	F. BUDETTI	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK		
MATERIAL		VARIABLE CAPACITOR ASS'Y		
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		SRG	aa ⁹⁰⁰	RE 3-30-64
FINISH & SPEC. N.		ELEC. DES. APP.	MECH. DES. APP.	A-3191 0

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
2	GPT-200K (AX-395)	A-2822	10-24-63
2	GPT-200K (AX-395)	A-2823	10-24-63

A-3192 | 0



5 WIND 2 TURNS ON EACH SIDE

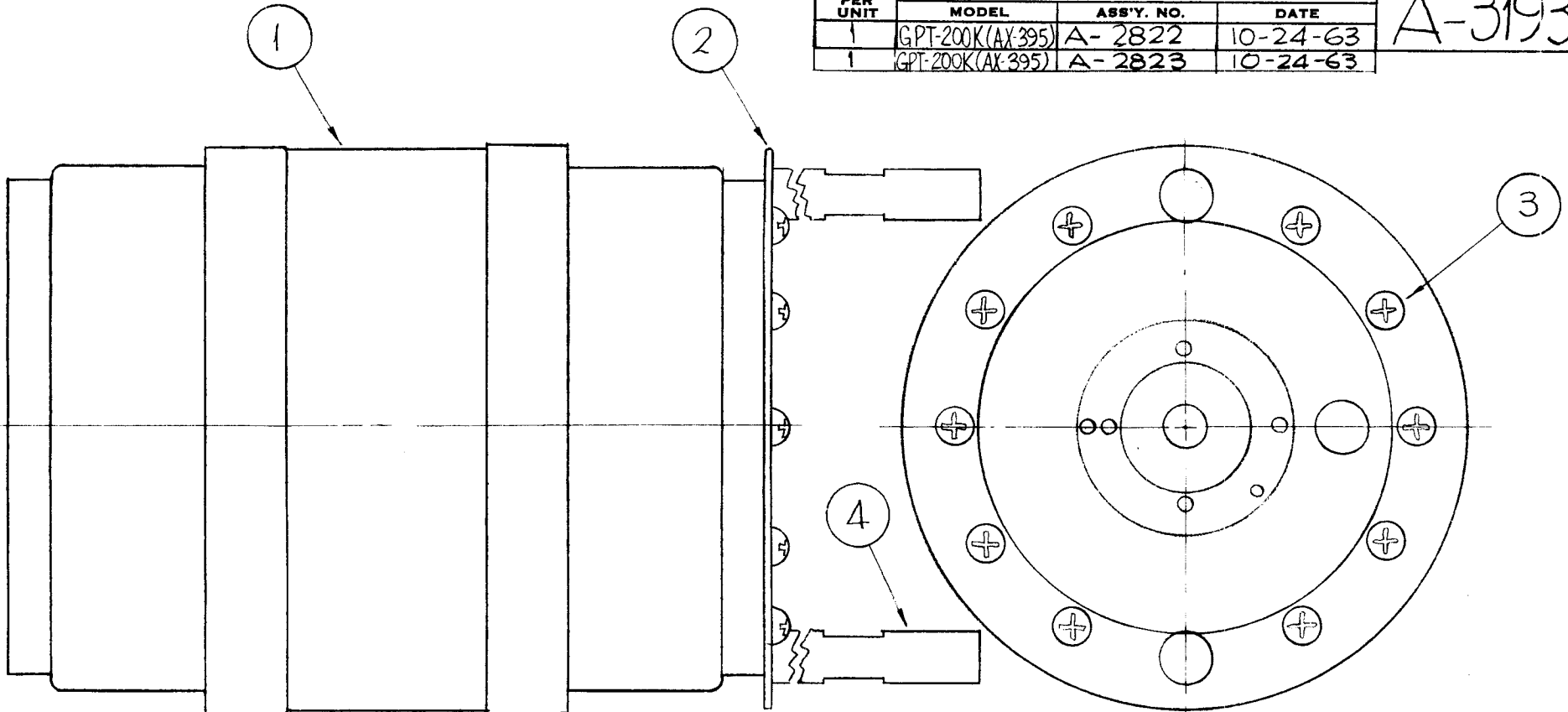
X	5	TA-113-3-1	ADHESIVE
	2	4 PM-991	SPACER, SUPPORT
	10	3 SCBP2520BN8	SCREW, MACHINE
	1	2 PM-967	RING, NOTCHED CAP. MTG.
	1	1 CB-167-2	CAP. VARIABLE, VACUUM CERAMIC CASE

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
○	ORIGINAL RELEASE FOR PRODUCTION	3-3-64				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	1/2" = 1"			
DECIMALS	TOLERANCES	FRACTIONS	CODE			
.X ± .05 .XX ± .01 .XXX ± .005		± 1/64 ANGLES ± 0° 30'	A			

REQ. ITEM	PART NO.	F. BUDETTI	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK		
MATERIAL		VARIABLE CAPACITOR ASS'Y		
TYPE & TEMPER	HEAT TREAT. SPEC.	SRG	aaqk	RSC 3-30-64
FINISH & SPEC. NO.		OB SP	BE	A-3192 0
		ELEC. DES. APP.	MECH. DES. APP.	

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	GPT-200K(AX-395)	A-2822	10-24-63
1	GPT-200K(AX-395)	A-2823	10-24-63

A-3193 10



5 WIND 2 TURNS ON EACH SIDE

X	5	TA-113-3-1	ADHESIVE
	2	PM-991	SPACER, SUPPORT
	10	3 SCBP2520BN8	SCREW, MACHINE
	1	2 PM-945	RING, CAP. MTG.
	1	1 CB-167-2	CAP. VARIABLE, VACUUM CERAMIC CASE

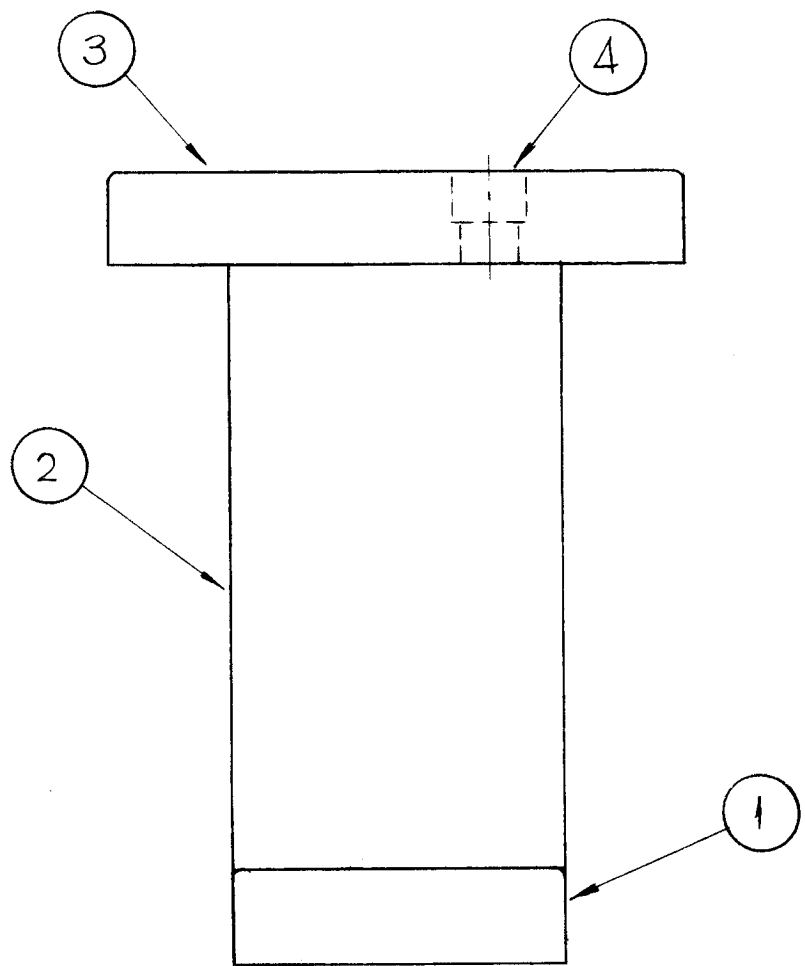
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
○	ORIGINAL RELEASE FOR PRODUCTION	3-3-64				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	1/2" = 1"			
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE	A		

REQ. ITEM	PART NO.	F. BUDETTI DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		VARIABLE CAPACITOR ASS'Y	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.

SRG aa RAC 3-30-64
 DB LA [Signature]
 A-3193 10

A-3194 0

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	GPT-200K (AY-395)	A-3195	10-24-63
1	GPT-200K (AY-395)	A-3196	10-29-63
1	GPT-200K (AY-395)	A-3197	10-29-63



4	4	SC-155-2520SS12	SCREW, SOCKET HEAD
1	3	PM-975	STAND, TOP
1	2	PM-976	STAND, SPACER
1	1	PM-974	STAND, BASE

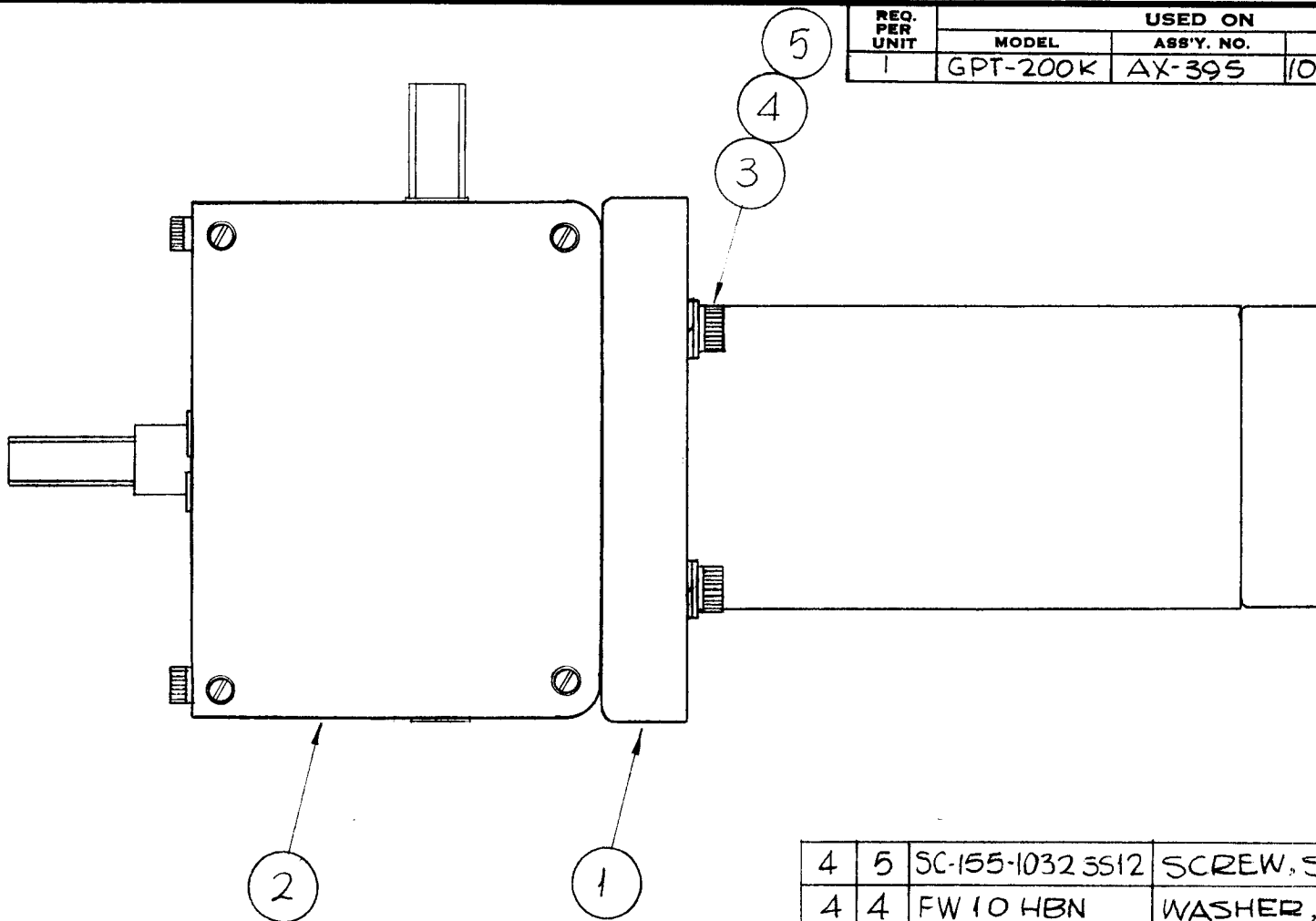
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
○	ORIGINAL RELEASE FOR PRODUCTION					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE 1" = 1"				
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE A			

REQ. ITEM	PART NO.	F. BUDETTI DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
MATERIAL		STAND ASS'Y RIGHT & DRIVE	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.

SRG
28 RB
A-3194 0

3-30-64

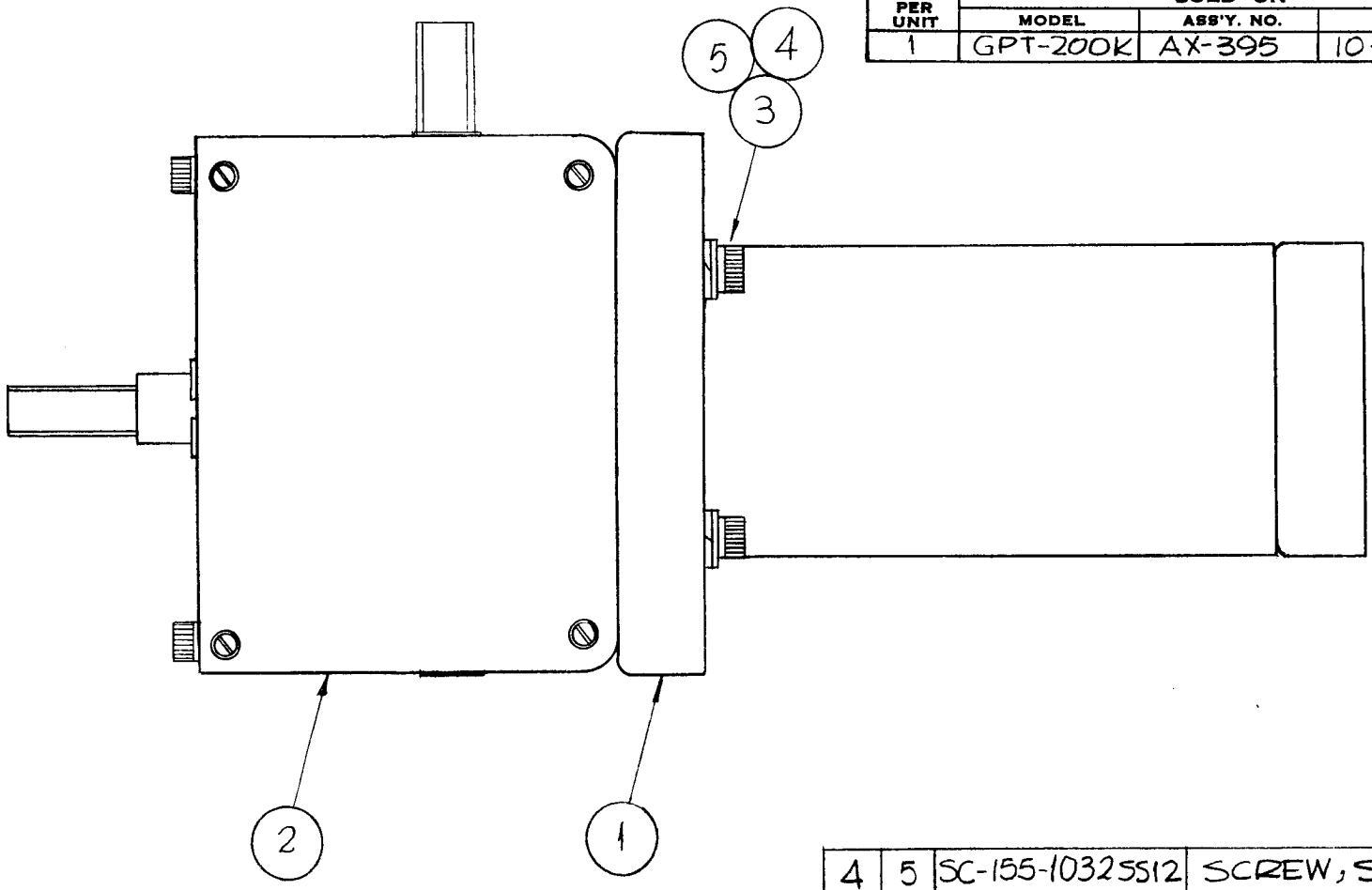
REQ. PER UNIT	USED ON			A-3195 10
	MODEL	ASS'Y. NO.	DATE	
1	GPT-200K	AX-395	10-24-63	



4	5	SC-155-1032 3S12	SCREW, SOCKET HEAD
4	4	FW 10 HBN	WASHER, FLAT
4	3	LWS 10 MRN	LOCKWASHER, SPLIT
1	2	A-3232	GEAR ASS'Y, RIGHT & DRIVE
1	1	A-3194	STAND ASS'Y RIGHT & DRIVE

REQ. ITEM	PART NO.	F. BUDETTI	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			RIGHT & DRIVE & STAND ASS'Y	
			2:1	
			SRG	QA 9/26 RAC 3-30-64
			DRAWN	CHECKED
			DBRB	SC
			FINAL APPROVAL	
			A-3195 10	
			ELEC. DES. APP.	MECH. DES. APP.

REQ. PER UNIT	USED ON			A-3196	0
	MODEL	ASS'Y. NO.	DATE		
1	GPT-200K	AX-395	10-24-63		

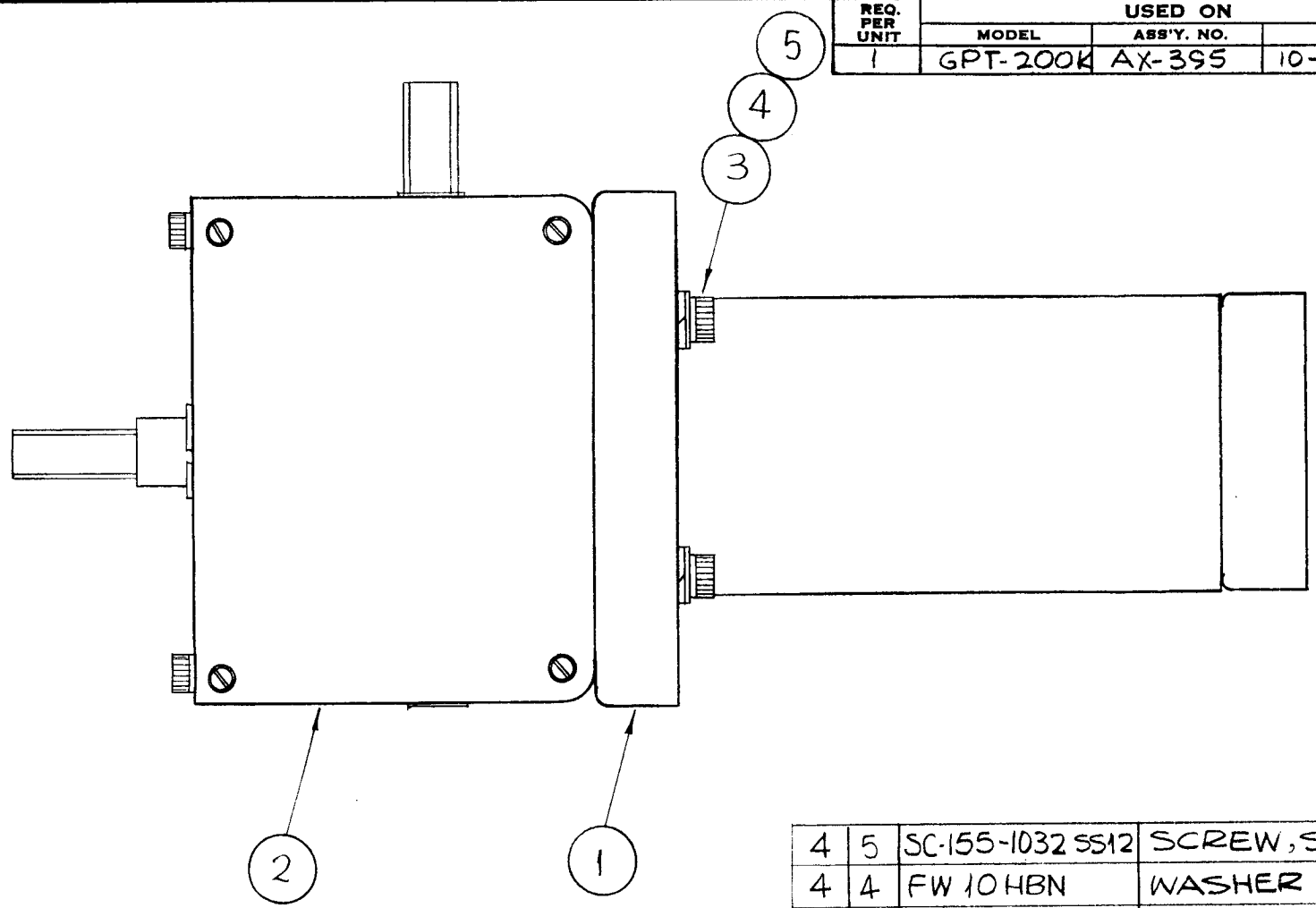


4	5	SC-155-10325512	SCREW, SOCKET HEAD
4	4	FW10 HBN	WASHER, FLAT
4	3	LWS10 MRN	LOCKWASHER, SPLIT
1	2	A-3233	GEAR ASS'Y, RIGHT & DRIVE
1	1	A-3194	STAND ASS'Y, RIGHT & DRIVE

○ ORIGINAL RELEASE FOR PRODUCTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	SCALE 1=1"				
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES		FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE A	

REQ. ITEM	PART NO.	F. BUDETTI DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
MATERIAL		RIGHT & DRIVE & STAND ASS'Y 1:1	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		SRG	3-30-64
		A-3196 0	

REQ. PER UNIT	USED ON			A-3197	0
	MODEL	ASS'Y. NO.	DATE		
1	GPT-200K	AX-395	10-24-63		



4	5	SC-155-1032 SS12	SCREW, SOCKET HEAD
4	4	FW 10 HBN	WASHER FLAT
4	3	LWS 10 MRN	LOCKWASHER SPLIT
1	2	A-3262	GEAR ASS'Y, RIGHT & DRIVE
1	1	A-3194	STAND ASS'Y, RIGHT & DRIVE

0	ORIGINAL RELEASE FOR PRODUCTION						
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE 1"=1"					
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE A				

REQ. ITEM	PART NO.	F. BUDETTI	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
MATERIAL		RIGHT & DRIVE & STAND ASS'Y 1.5:1		
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.		SRG	aa	RJC 3-30-64
		203PB	BP	A-3197 0
		ELEC. DES. APP.	MECH. DES. APP.	