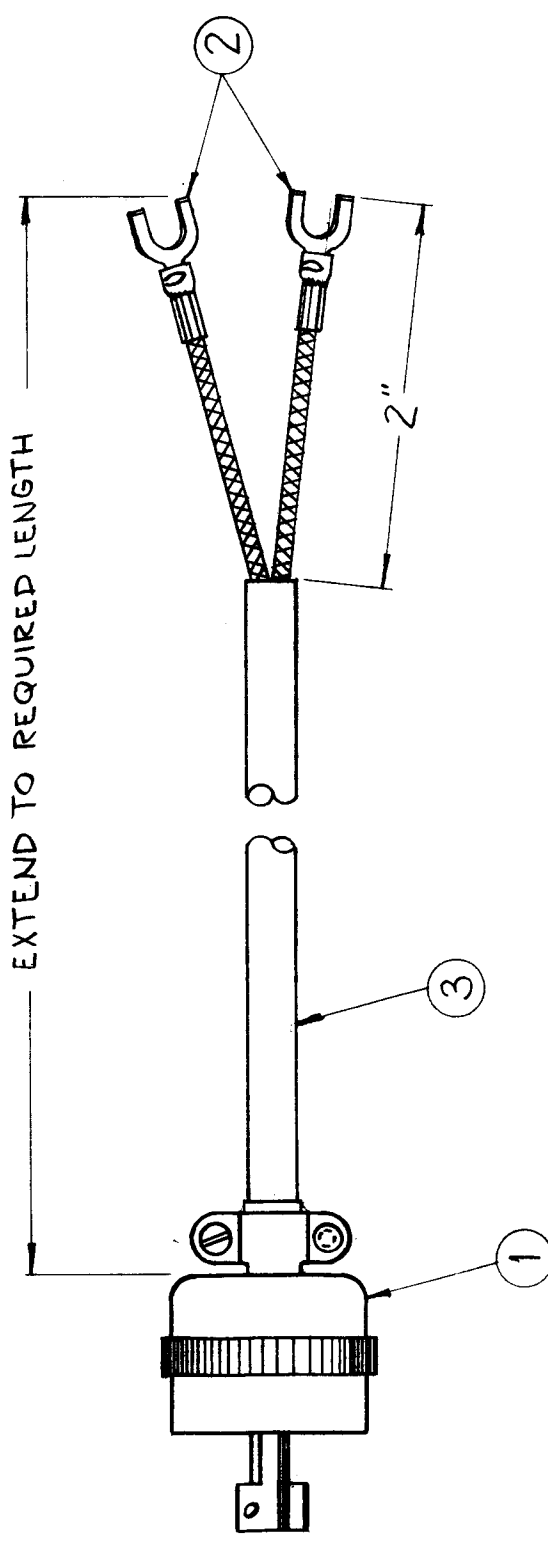


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TMC NO.	LENGTH	ITEM#3	ITEM#2
CA-706-1	54"	WI-112-1	TE120-2
CA-706-2	95"	WI-112-1	TE120-2
CA-706-3	120"	WI-112-1	TE120-2
CA-706-4	72"	WI-112-2	NONE *

* STRIP & TIN 3/8"



CA-706 D

REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
2	RAK-22A		8-3-62
1	RAK-21B		8-3-62

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3		CABLE, AC, RUBBER SHEATHED	BLK
2 2		TERMINAL, SOLDERLESS	
1 1	PL-177	CONNECTOR, PLUG	

SYMBOL	DESCRIPTION	MATERIAL
D	ON CHART TMC P/N NO ITEM 3 & ITEM 2 ADDED	
C	CA706-3 ADDED	
B	CLERICAL CHANGE	
A	ON CHART CA-706-2 ADD.	

DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
1-16-67	17684	L.R.A.	[Signature]	[Signature]
9/17/65	14835	[Signature]	[Signature]	[Signature]
10.9.64	+	[Signature]	[Signature]	[Signature]
9.23.64	12388	[Signature]	[Signature]	[Signature]

TYPE & TEMPER	HEAT TREAT. SPEC.	FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.	MAMARONECK, NEW YORK
CABLE, POWER, AC	

DRAWN	CHECKED	FINAL APPROVAL
[Signature]	[Signature]	[Signature]

ELEC. DES. APP.	MECH. DES. APP.
R. KOHN	[Signature]

CA-706 D

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		MODEL		ASS'Y. NO.		DATE	
		HSS-1				10-4-62	

THIS CABLE HARNESS HAS NOT BEEN DRAWN UP BECAUSE IT IS NO LONGER REQUIRED FOR THE MODEL HSS-1.

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES								THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	TOLERANCES								WIRING HARNESS	
	DECIMALS									
	.X ± .05									
	.XX ± .01									
	.XXX ± .005									
	FRACTIONS									
	± 1/64									
	ANGLES									
	± 0° 30'									
	SCALE									
	TYPE & TEMPER									
	HEAT TREAT. SPEC.									
	DRAWN									
	CHECKED									
	FINAL APPROVAL									
	FINISH & SPEC. NO.									
	ELEC. DES. APP.									
	MECH. DES. APP.									
	CA-712									

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REQ. PER UNIT

MODEL

RAK-21B-1

USED ON

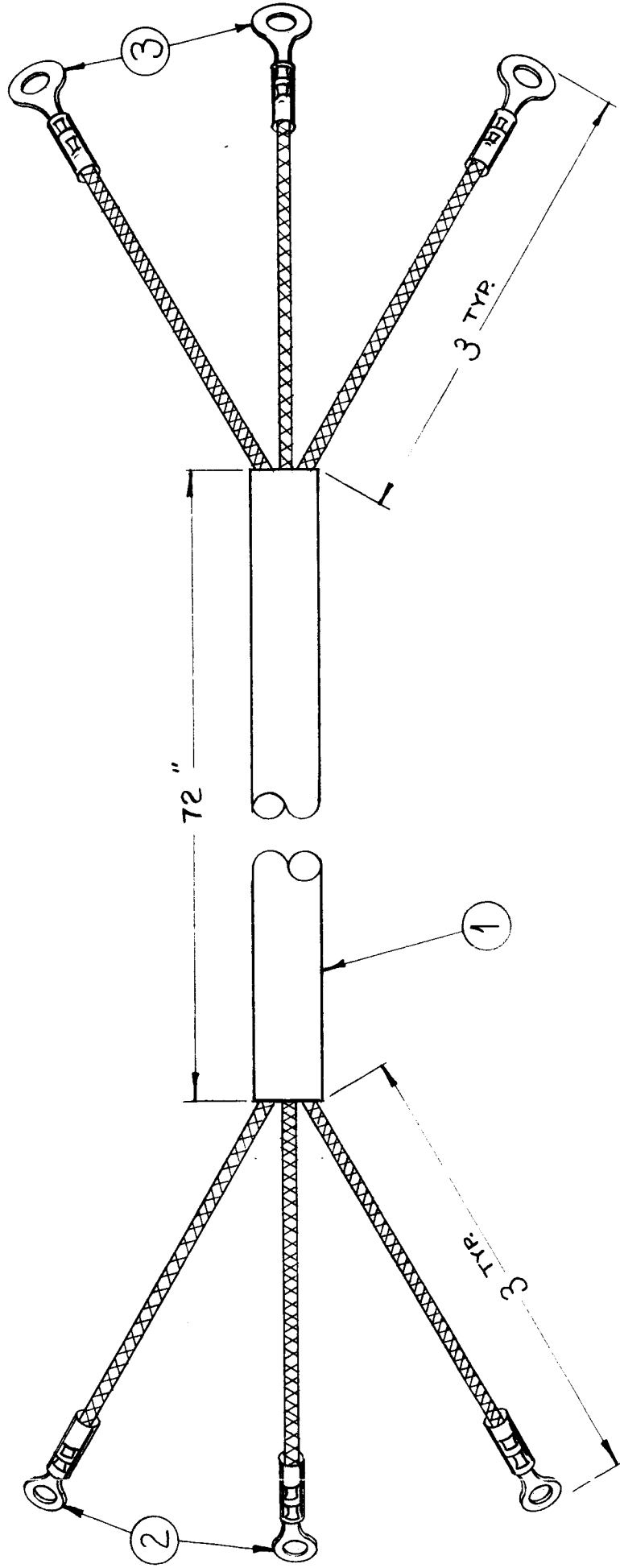
ASSY. NO.

8-3-62

DATE

CA-718

B

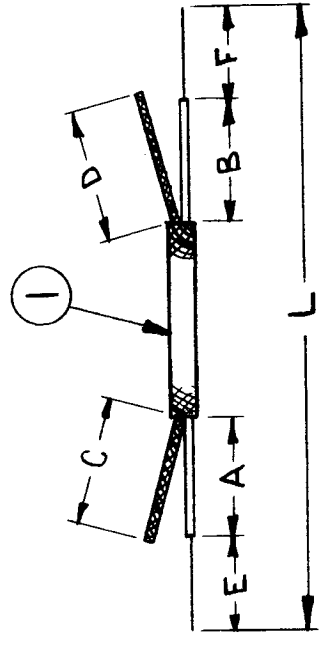


REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
3	TE-159-34161	SOLDERLESS TERMINAL, PLASTIC GRIP	
3	TE-156-32945	SOLDERLESS TERMINAL, PLASTIC GRIP	
72"	WI-121-9	WIRE, RUBBER SHEATHED SERVICE CORD	
R. KOHN		DESCRIPTION	
THE TECHNICAL MATERIEL CORP.			
MAMARONECK, NEW YORK			
CABLE, POWER, AC			
G. Jenson		DRAWN	
R. KOHN		CHECKED	
ELEC. DES. APP.		MECH. DES. APP.	
FINISH & SPEC. NO.		CA-718	B
TYPE & TEMPER		HEATTREAT. SPEC.	FINAL APPROVAL
SCALE:		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
UNLESS OTHERWISE SPECIFIED:		DIMENSIONS ARE IN INCHES	
TOLERANCES ON		FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°	
SYM	DESCRIPTION	DATE	CH. NO.
B	ITEM(1) WAS 66"	7-21-64	11907
A	ITEM(1) WAS 60" LONG	9-20-62	7348
			DRAFTS
			CHECKER
			ENG. APP.

REQ. PER UNIT		USED ON	
MODEL		ASSY. NO.	DATE
			4-3-64

CA-721 A

TMC PART NUMBER	ITEM NUMBER	"A" DIM	"B" DIM	"C" DIM	"D" DIM	"E" DIM	"F" DIM	"L" DIM	USED ON
CA-721-1	MWC22 (7) SJ9	1 1/4"	1 1/4"	1 1/2"	1 1/8"	1/4"	1/4"	4"	SBE-3
CA-721-2	MWC22 (7) SJ9	1"	1 1/4"	1 1/2"	1 1/2"	1/2"	1/4"	4"	SBE-3
CA-721-3	MWC22 (7) SJ9	1/2"	1/2"	1"	1"	1/2"	1/2"	5 1/2"	A-1516
CA-721-4	MWC22 (7) SJ2	1"	3/4"	1 1/4"	1 1/4"	1/4"	1/2"	6 1/2"	A-1516
CA-721-5	MWC22 (7) SJ2	1"	3/4"	1 1/4"	1 1/4"	1/4"	1/2"	7 1/2"	A-1516
CA-721-6	MWC22 (7) SJ9	3/4"	3/4"	1 1/4"	#	1/2"	1/2"	4 1/2"	A-1516
CA-721-7	MWC22(7)SJ9	1/2"	1/2"	1"	—	1/2"	1/2"	4"	SBE-8,9,10



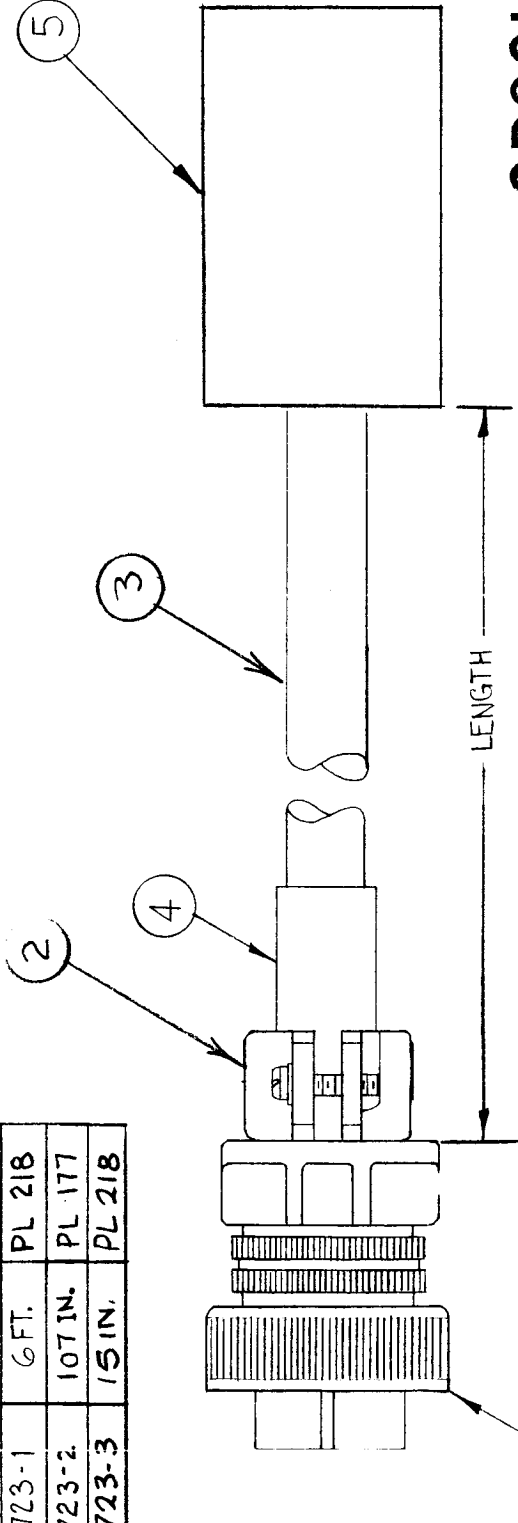
X	1	SEE CHART	WIRE, ELECTRICAL	DESCRIPTION	SYMBOL
	REQ. ITEM	PART NO.		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
A	-7 ADDED	7/3/72	2075	GE	ES
O	ORIGINAL RELEASE FOR PRODUCTION	4/3/64			
X	EXPER. RELEASE	4-3-64	1	GE	
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	SCALE			
	TOLERANCES	FRACTIONS			
	.X ± .05	± 1/64			
	.XX ± .01	ANGLES,			
	.XXX ± .005	± 0° 30'			
	FINISH & SPEC. NO.				
	ELEC. DES. APP. MECH. DES. APP.				
	DRAWN				
	CHECKED				
	FINAL APPROVAL				
	CA-721				

STANDARD DRAWING

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		1	GPE-1		10-29-62

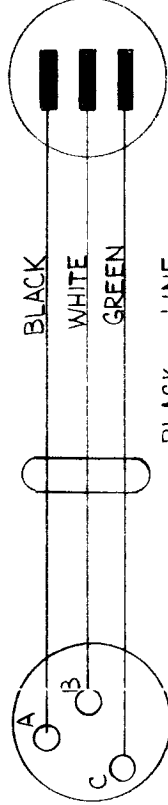
CA 723 D

TMC PART N ^o .	LENGTH	ITEM-5
CA 723-1	6 FT.	PL 218
CA 723-2	107 IN.	PL 177
CA 723-3	15 IN.	PL 218



OBSOLETE

REPLACED BY CA 1151



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	5	SEE CHART	
1	4	MS-3420-6A	
X	3	WI-121-9	
1	2	MS-3057-8	
1	1	MS-3106A-16S-5S	

D	ADDED "OBSOLETE" NOTE	7-21-66	16580	RME	QCB	MAK
C	CA 723-3 ADDED	2-9-66	15710	AKB	QCB	PC
B	AK 563-CA 1053 RELETED	6-22-65		DKK	QCB	
A	13/16: IT 5 WAS PL-218 PICK IT 5 REVISED TMC CHART (-2) ADD IT 5 COL. AND AK 563 MODEL ADD.	3-5-65	13617	RF.	QCB	YI

SYMBOL	DESCRIPTION	PART NO.
	CONNECTOR, PLUG, 3 PRONG, AC	
	BUSHING, CABLE	
	WIRE, RUBBER SHEATHED SERVICE CORD	
	CABLE CLAMP	
	CONNECTOR	

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
AC POWER CORD ASS'Y.

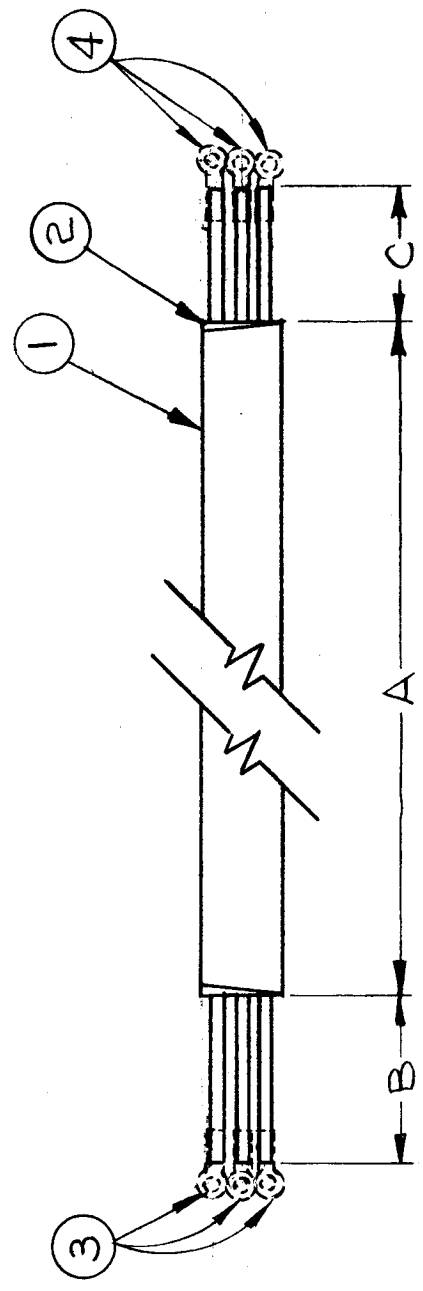
W.A. FRANCO	CHECKED	DRAWN	FINAL APPROVAL
	10/29/62		CA 723 D

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	SCALE	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
	Do Not Scale					

TOLERANCES	FRACTIONS	CODE
X ± .05	± 1/64	
.XX ± .01	ANGLES	
.XXX ± .005	± 0° 30'	

TMC PART NO.	FOR CONN. NO.	ITEM 3	ITEM 4	CONNECTION BETWEEN	REQ. PER UNIT	MODEL	USED ON ASBY. NO.	DATE
CA795-1	1/2	CU10 & CU10	TE155-34169	AC STRIP TO FILTER	1	RAK-31A,C	A 3206	10-8-63
CA795-2	1/3	CU13 & JJ297	TE155-34170	DCP TO AC PLUG TO	1	RAK-31A,C	A 3206	6-4-64
CA795-3	2/4	5 CU13 & CU10	TE155-34170	DCP TO FILTER	1	RAK-31A,C	A 3206	6-4-64
CA795-4	2/5	7 CU13 & CU10		DCP TO REGULATOR	1	RAK-33A	A 3206	6-4-64
CA795-5	4/5	7 CU13 & CU10		DCP TO FILTER	1	RAK-44	A	9-15-64
CA795-6	1/7	6 CU13 & CU13		CONN TO	1	COPA-2	A	10-22-64

CA 795 D



SEE CHART

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL
D	ON B/M ADD. 11.3.74 ON P/N CHART-ADD. 11.3.74	12-22-64	13057	HLA			
C	CA 795-6 ADDED	10-28-64	12756	MS			
B	IT. QTY. WAS "1" SEE CHART ADD. "	10-11-64					
A	CA 795-5 ADDED	9-15-64	12363	MB			
O	ORIGINAL RELEASE FOR PRODUCTION	6-8-64					
XI	COMPLETELY REVISED	6-4-64					

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
3	4	SEE CHART	TERMINAL, LUG-INSULATED
3	3	SEE CHART	TERMINAL, LUG-INSULATED
2	2	PX-10001-1	BUSHING, ANTI SHORT
X	1	WI-138-2	CABLE, ARMORED, 600V
			I. JOHNSON
		SEE CHART	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK
			CABLE, BX - 3 CONDUCTOR

TYPE & TEMPER.	HEAT TREAT. SPEC.	DRAWING	CHECKED	FINAL APPROVAL
		JAY	RAY	RAY
			4-23-64	4-23-64
				CA-795 D

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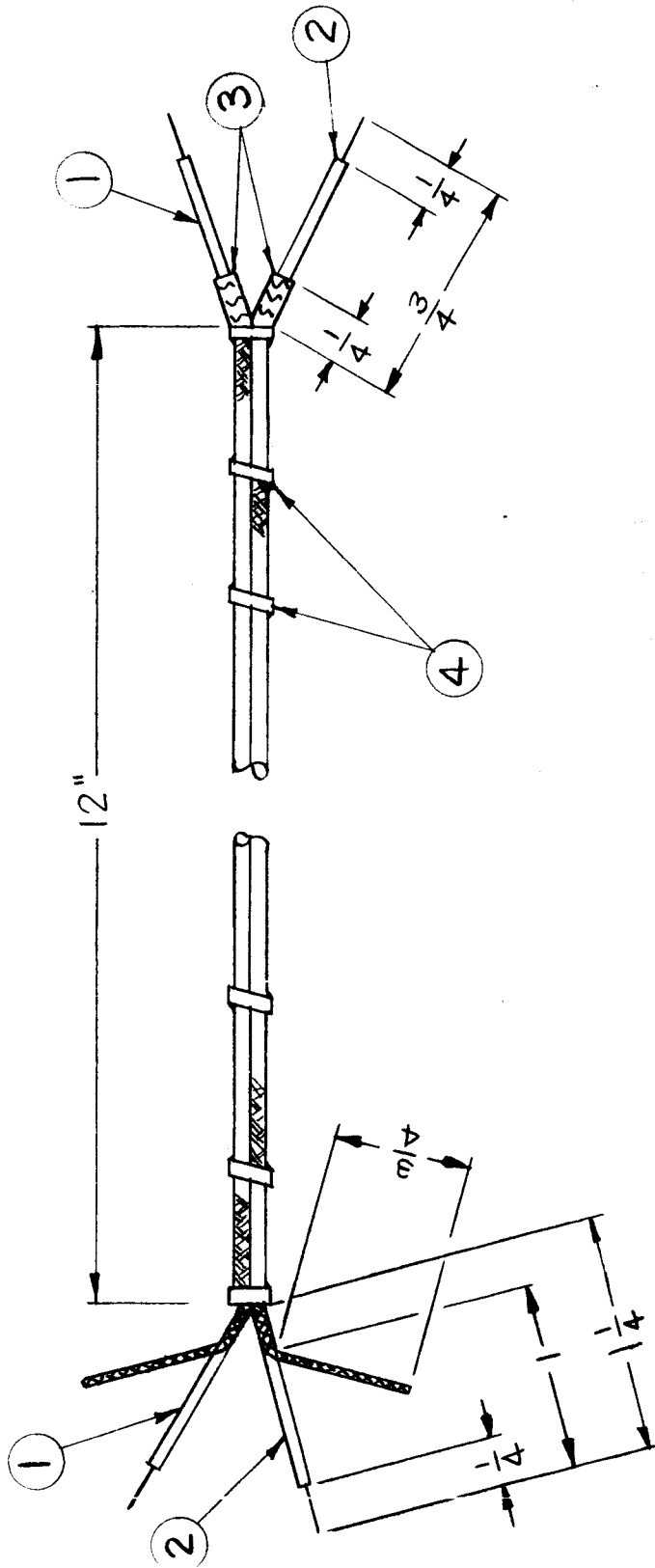
REQ. PER UNIT
10

MODEL
VLR-1

USED ON ASS'Y. NO.
A-3212

DATE
6-24-63

CA 796



WIRES SHOULD BE PLACED IN CABLE IN NUMERICAL SEQUENCE AS THEY APPEAR IN ITEM COLUMN. SPACE LACING APPROXIMATELY 3/4" APART.



X 4	CD-101-1-MW	CORD, LACING	BLK
1"	PX 643-6	SLEEVING, SHRINK	BLK
14"	MWC22(1)SJ94	WIRE, SHIELD + OUTER JACKET	WW/YEL
14"	MWC22(1)SJ96	WIRE, SHIELD + OUTER JACKET	WW/BLU
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		M. GELLMAN	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		WIRING HARNESS	
		RF MODULE	
		STOCK SIZE	
		MATERIAL	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
0	ORIGINAL RELEASE FOR PRODUCTION	5-11-64	0	A.M.	@	
XI	REVISED SHIELD BOUNDS OF ITEMS 1, 2, 3 & LENGTHS OF PIGTAILS & TERMINATIONS	9/28/64		JL		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES						
SCALE DO NOT SCALE						
DECIMALS						
.X ± .05						
.XX ± .01						
.XXX ± .005						
FRACTIONS						
± 1/64						
ANGLES						
± 0° 30'						
TOLERANCES						
CODE A						
TYPE & TEMPER						
HEAT TREAT. SPEC.						
FINISH & SPEC. NO.						
DRAWN						
CHECKED						
FINAL APPROVAL						
CA 796						

