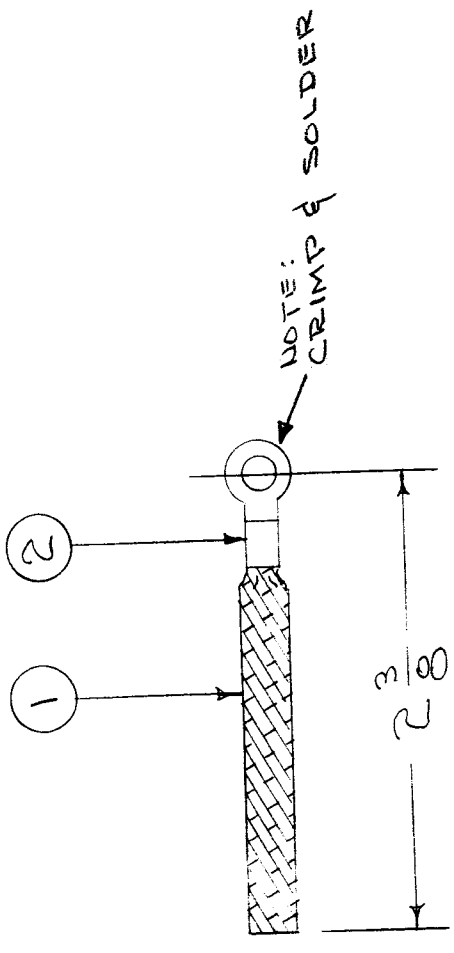


CA-302

2711 USED ON
 MODEL ASSY. NO. DATE
 RTF S-1-56

REQ. PER UNIT
 1



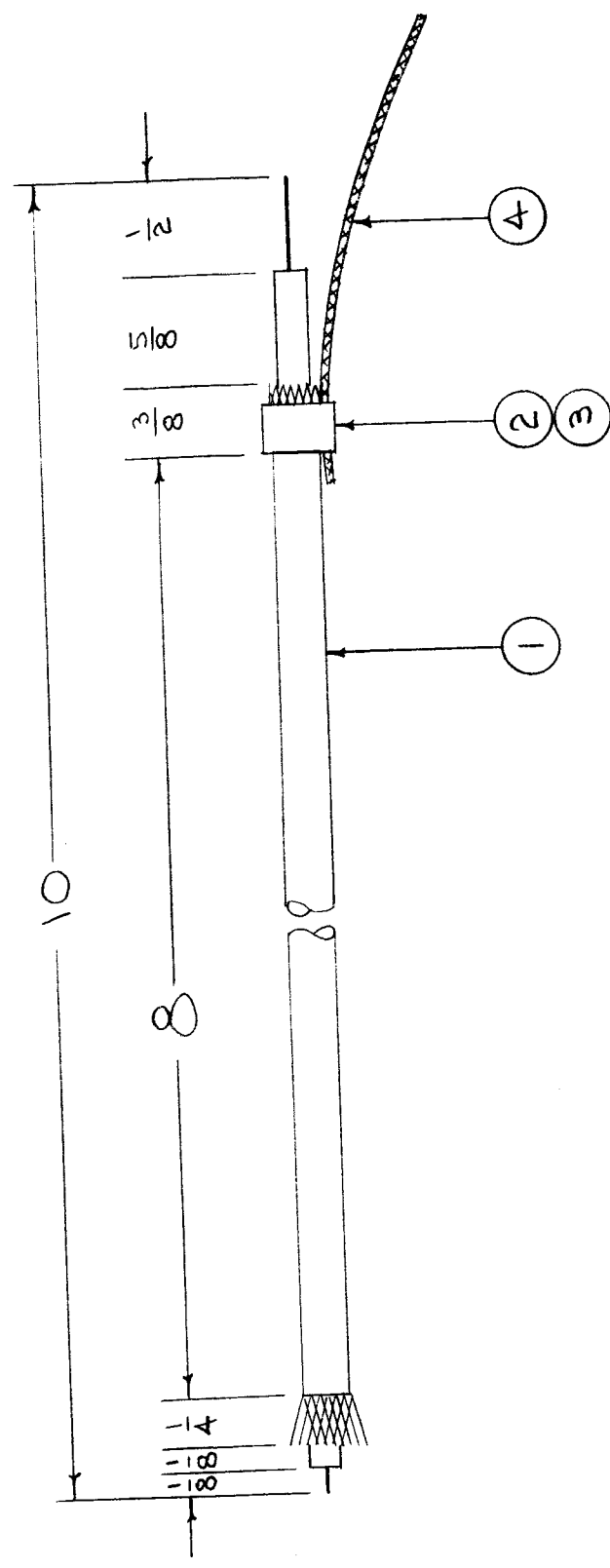
X	3	BS-100	SOFT, SOLDER	SYMBOL
1	2	TE-1A1-2	TERMINAL	
X	1	WL-103-A	SHIELD	
REQ. ITEM	PART NO.	DESCRIPTION		
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK		
	STOCK SIZE	CABLE ASSY. 3 CHATTO 5101 PINS R/A GPT-750		
	MATERIAL	COB 511150	WLD	A. J. J.
	TYPE & TEMPER	DRAWN	CHECKED	FINAL APPROVAL
	HEAT TREAT. SPEC.			CA-302
	FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.		

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

TOLERANCES
 DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

CA-303
A

REQ. PER UNIT	1
MODEL	E-45B
ASSY. NO.	FRD-3
DATE	5/25/56



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2"	WL-103-1	SHIELD FLEXIBLE	
1	CU-101-2	FERRULE, OUTER	
1	CU-101-1	" " , INNER	
13"	RG-58/U	CABLE, COAXIAL	

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
CABLE, ASSEMBLY
FRD-3

TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		GRX.	WJ	A.T.J.
FINISH & SPEC. NO.				CA-303
				A

SCALE: 10" WAS 13" / 8" " 11"

DATE: 5/25/56

CH. NO. 1

DRAFTS: [Signature]

CHECKER: [Signature]

ENG. APP. [Signature]

TOLERANCES

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

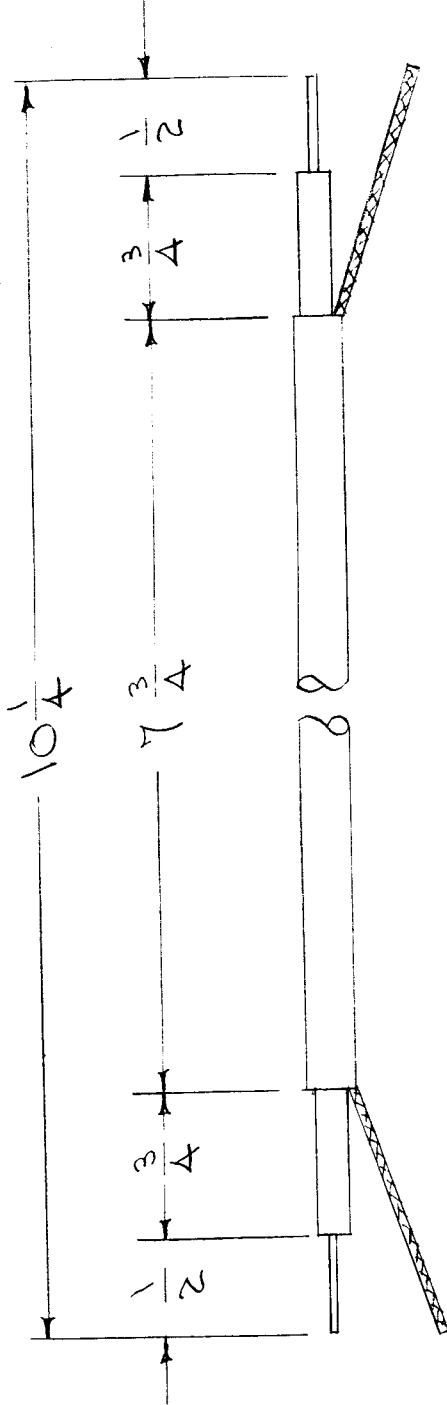
DEC. DIM. ±

FRAC. DIM. ±

ANGULAR DIM. ±

CA-306

REQ. PER UNIT	USED ON	DATE
1	2711	6-1-56
	MODEL	ABBY. NO.
	RTF	



USE WI-129-21-597

REQ. ITEM				PART NO.				DESCRIPTION				SYMBOL
1								THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK				
				STOCK SIZE				CABLE, SSB MULT.				GPT-750
MATERIAL				MATERIAL				CHECKED				
TYPE & TEMPER				HEAT TREAT. SPEC.				DRAWN				
FINISH & SPEC. NO.								A. J. J.				
ELEC. DES. APP.				MECH. DES. APP.				FINAL APPROVAL				CA-306

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

TOLERANCES
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

Not For Production

ND

SR 2-1

SYMB L		DESCRIPTION		SYMB L	
		THE TECHNICAL MATERIEL CORP.			
		MAMARONECK, NEW YORK			
		<i>Intermittent</i>			
		SR 2-1A - 1279			
REQ. ITEM	PART NO.	STOCK SIZE	MATERIAL	TYPE & TEMPER	HEAT TREAT. SPEC.
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER
TOLERANCES					
SCALE:					
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
DEC. DIM. ±					
FRAC. DIM. ±					
ANGULAR DIM. ±					
FINISH & SPEC. NO.				ELEC. DES. APP. MECH. DES. APP.	
				DRAWN	
				CHECKED	
				FINAL APPROVAL	
				CA-307	

CA-308

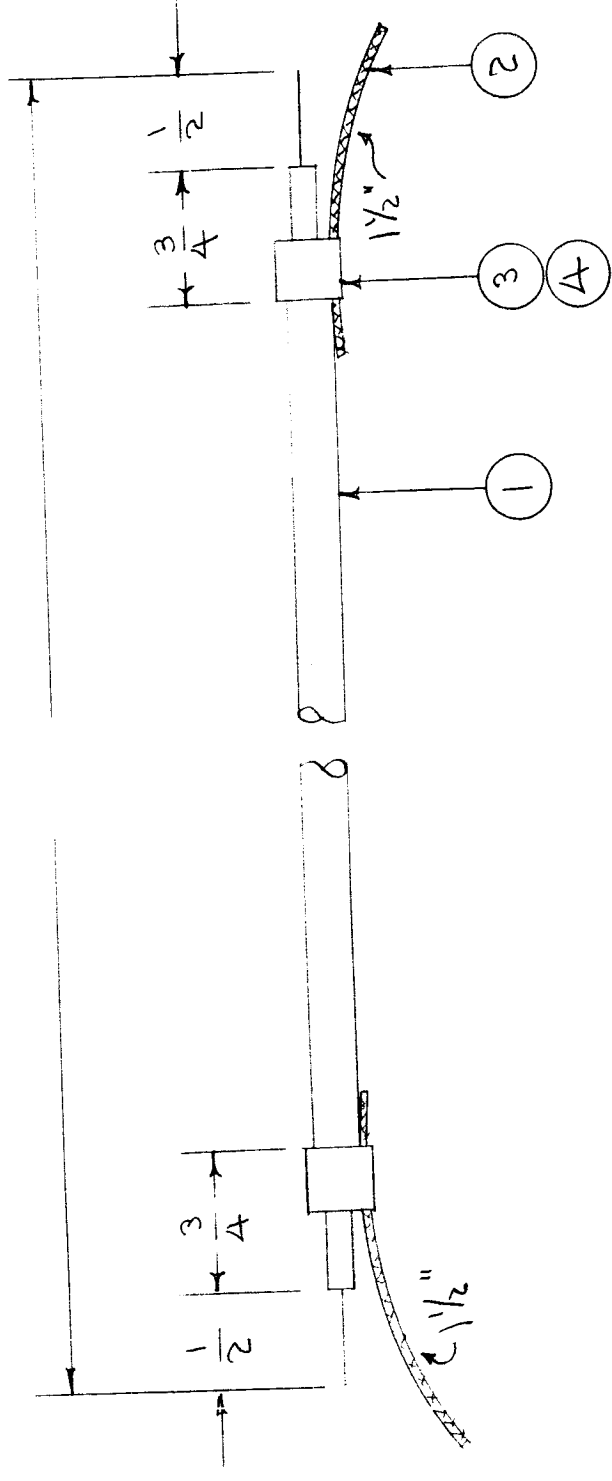
OBSSOLETE

8-20-56

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

REQ. PER UNIT	PROJECT NO.	ASSY. NO.	DATE
2	459		6-19-56
MODEL	USED ON		
GSB-1			



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2 4	CU-101-1	FERRULE, INNER	
2 3	CU-101-2	" OUTER	
3"	WL-103-2	SHIELD, FLEXIBLE	
	RG-58/U	CABLE, COAXIAL	
STOCK SIZE		THE TECHNICAL MATERIEL CORP.	
MATERIAL		MAMARONECK. NEW YORK	
WEIGHT PER FC.		CABLE, AN-SSB SWITCH	
TYPE & TEMPER		GSB-1	
HEAT TREAT. SPEC.		CDD 6-20-56	
FINISH & SPEC. NO.		DRAWN	
		ELEC. DES. APP.	
		MECH. DES. APP.	
		CHECKED	
		FINAL APPROVAL	
		CA-308	

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
SCALE						
TOLERANCES						
DEC. DIM. ±						
FRAC. DIM. ±						
OTHERS ANGULAR DIM. ±						
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.						

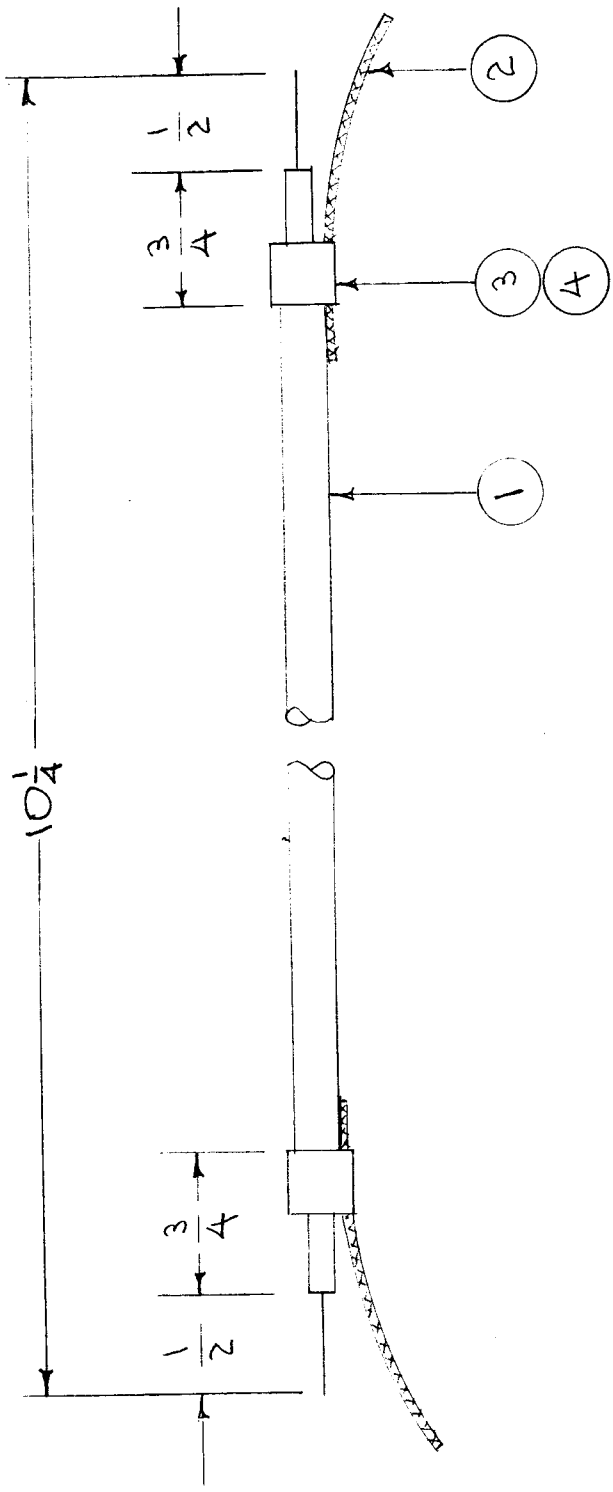
CA-309 A

USED ON

REQ. PER UNIT	PROJECT NO.	ASSY. NO.	DATE
1	GSB-1	MARK I SERIES	5-6-57

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



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2	A	CU-101-1	FERRULE, INNER
2	3	CU-101-2	" " OUTER
3"	2	WL-103-1	SHIELD, FLEXIBLE
	1	RG-58/U	CABLE, COAXIAL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		CABLE, ASS KC INPUT	
		MARK I GSB-1	
DRAWN		ELEC. DES. APP.	MECH. DES. APP.
CDD 6/10/56		PdLX	ML
CHECKED		A.J.J.	
HEAT TREAT. SPEC.		FINAL APPROVAL	
FINISH & SPEC. NO.		CA-309 A	

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKER	ENG. APP.
A 1	ITEM 2 WAS WL-103-2	1/7/56	1	ML	ML
TOLERANCES					
DEC. DIM. ±					
FRAC. DIM. ±					
OTHERS ANGULAR DIM. ±					
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

CA-310

OBSCOLETE

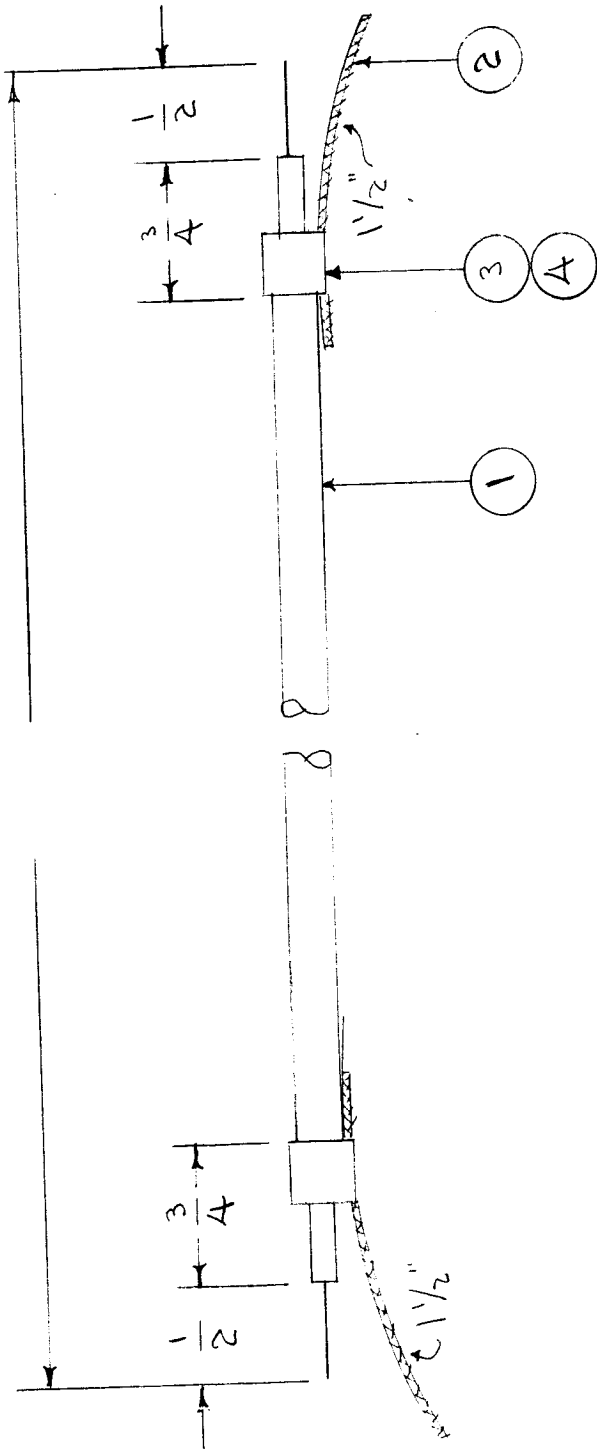
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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

8-20-56

USED ON

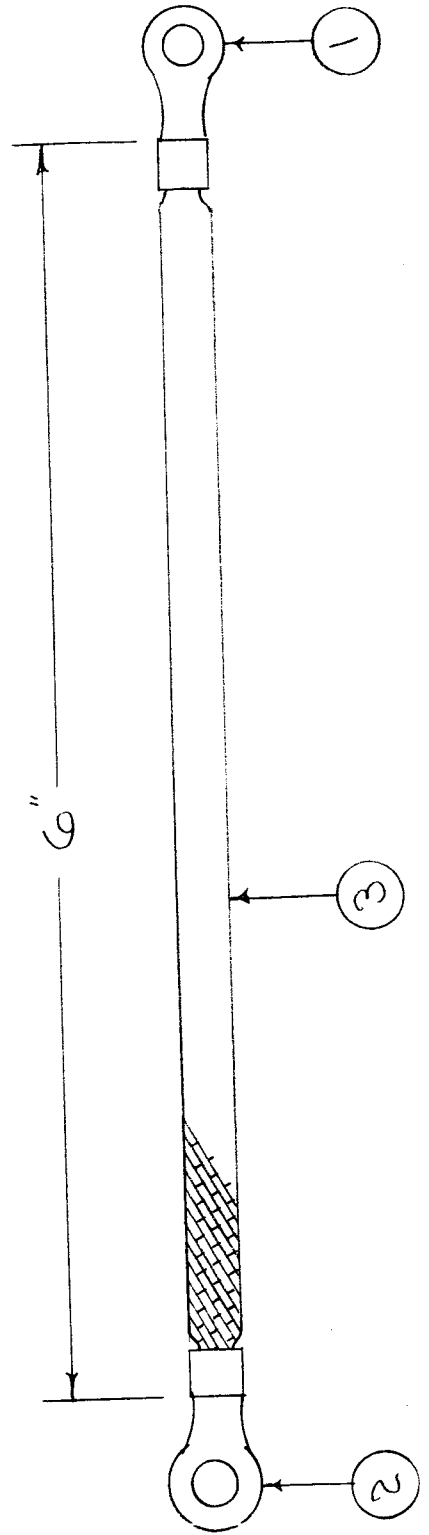
REG. PER UNIT	PROJECT NO.	ASSY. NO.	DATE
1	459		6-19-56
MODEL			
GSB-1			



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2	A CU-101-1	FERRULE, INNER	
2	B CU-101-2	" " OUTER	
3"	2 WL-103-2	SHIELD, FLEXIBLE	
	1 RG-58/U	CABLE, COAXIAL	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		CABLE, 17-20KC FILTER	
TYPE & TEMPER		GSB-1	
HEAT TREAT. SPEC.		CDD. 6/19/56	
FINISH & SPEC. NO.		DRAWN	
		ELEC. DES. APP.	
		MECH. DES. APP.	
		CHECKED	
		FINAL APPROVAL	
		CA-310	

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES						
SCALE						
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.						
ALL DEC. DIM. ±						
OTHERS FRAC. DIM. ±						
ANGULAR DIM. ±						

REQ. PER UNIT	529	USED ON	CA-312
3	MODEL	ASSY. NO.	
	TER-500	DATE	8-21-56



CRIMP & SOLDER BOTH LUGS

X	A	BS-100	SOLDER, SOFT	DESCRIPTION	SYMBOL
G"	3	WL-103-A	SHIELD, FLEX.		
	1	TE-141-A	LUG		
	1	TE-141-2	LUG		
REQ. ITEM	PART NO.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STOCK SIZE		CABLE ASSY., R.F. AND GROUND TER-500			
MATERIAL		CD 8/21/56	JAD	JMB	
TYPE & TEMPER		DRAWN	CHECKED	FINAL APPROVAL	
HEAT TREAT. SPEC.				CA-312	
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.			

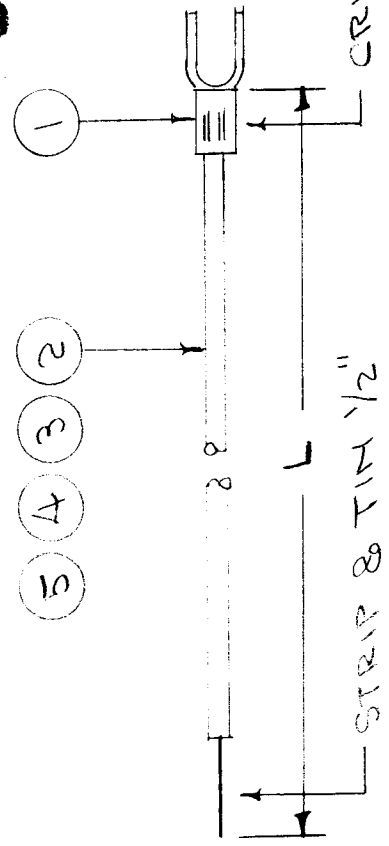
SCALE:
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
 REMOVE ALL BURRS AND SHARP EDGES

DEC. DIM. \pm
 FRAC. DIM. \pm 1/32
 ANGULAR DIM. \pm

REQ. PER UNIT 2 EA.	MODEL QDP	USED ON ASSY. NO.	DATE 9-17-50
G.M.		CA-316 A	

OBSOLETE

Handwritten notes:
 1 345
 1 345
 See Drawing of
 1 345



CRIMP & SOLDER

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
6	10 SR1315(M)22022	CABLE, INSULATED	RED
9	92		WH/RED
8	55		GREEN
7	95		WH/GRN
6	TE-120-2	LOG	

LONG LEADS {
 CA-316-8
 CA-316-7
 CA-316-6
 CA-316-5

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
5	5 SR1315(M)22022	CABLE, INSULATED	RED
4	92		WH/RED
3	55		GREEN
2	95		WH/GRN
1	TE-120-2	LOG	

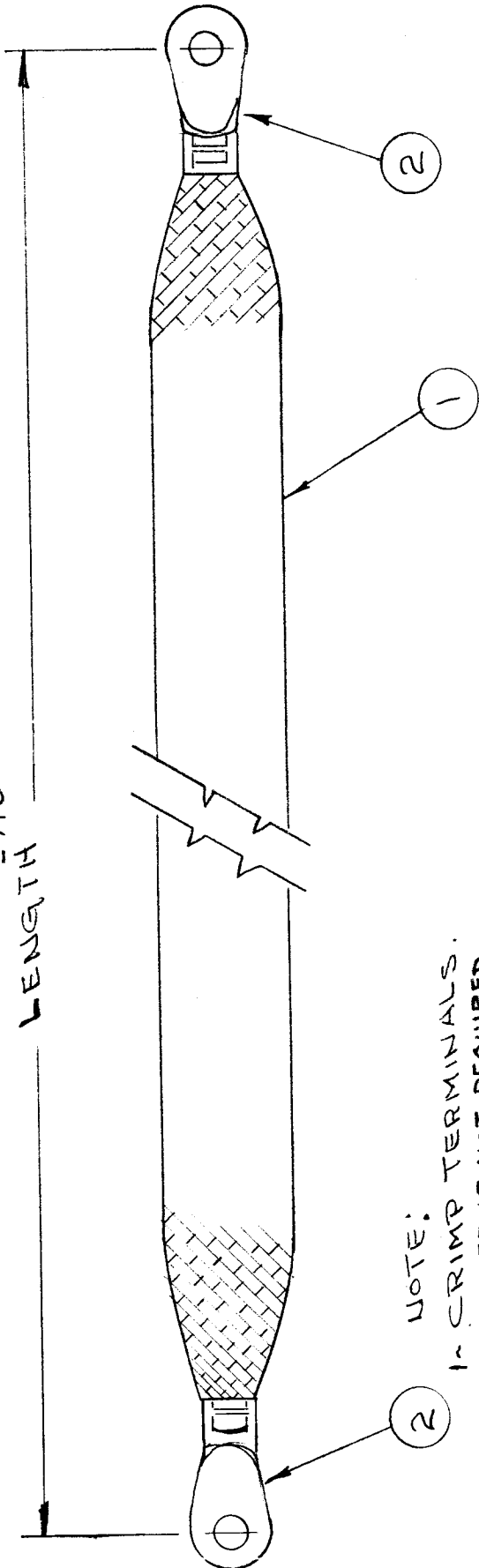
SHORT LEADS {
 CA-316-4
 CA-316-3
 CA-316-2
 CA-316-1

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
CABLE ASSEMBLY	
QDP	
ISSUE ITEM	CHANGED FROM
A 1	LENGTHS ADDED
DATE	1/7/57
CH. NO.	1
DRAFTS	VS
CHECKER	JAD
ENG. APP.	MP
SCALE:	
TOLERANCES	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.	
REMOVE ALL BURRS AND SHARP EDGES	
DEC. DIM. ±	
FRAC. DIM. ±	
ANGULAR DIM. ±	
TYPE & TEMPER	HEAT TREAT. SPEC.
MATERIAL	
DRAWN	JAD
CHECKED	JAD
FINAL APPROVAL	A.J.J.
FINISH & SPEC. NO.	CA-316 A

CA-317 B

REQ. PER UNIT	MODEL	ASSY. NO.	DATE
1	CAB/FR	A-1431(8)	10/2/56
1	TER-5000	A-1431(8)	6/3/57

$\pm \frac{1}{16}$
LENGTH



NOTE:
1- CRIMP TERMINALS.
2- SOLDER IS NOT REQUIRED.

CA-317-18.312

TMC Dwg. No.

Length in inches
EXAMPLE 18.312 = 18 5/16"
18 = 18"

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	BS-100	SOLDER, SOFT	
2	TE-158-30661	TERMINAL, SOLDERLESS	
X 1	WL-103-9	SHIELD, FLEX.	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		GROUND STRAP, BASE	
TYPE & TEMPER		DRAWN <i>JAG</i> 10/2/56	
HEAT TREAT. SPEC.		CHECKED <i>JAG</i>	
FINISH & SPEC. NO.		ELEC. DES. APP. <i>JAG</i>	
		MECH. DES. APP. <i>JAG</i>	
		FINAL APPROVAL <i>A. J. J.</i>	
		CA-317 B	

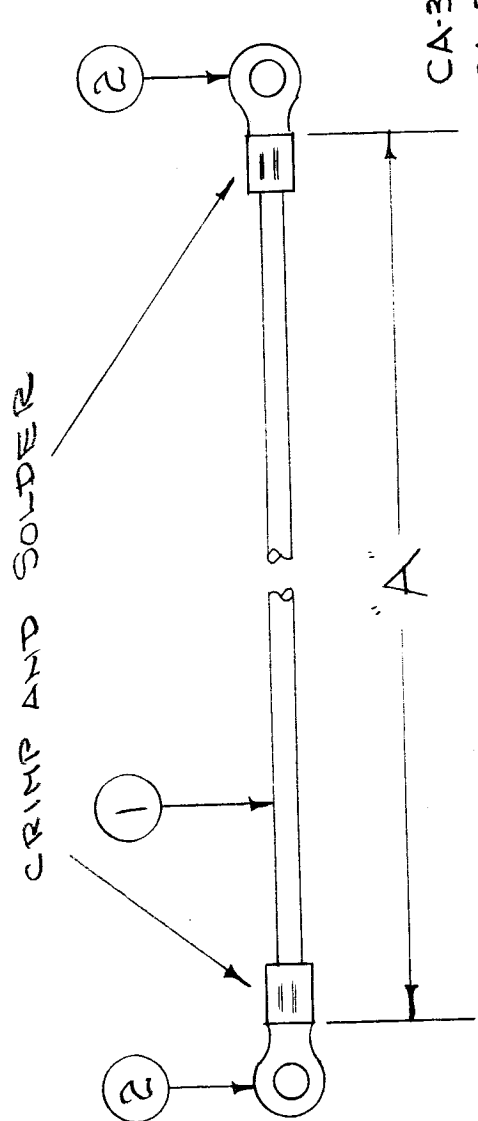
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B 1	SOLDER NOTE ADDED	11-26-62	7685	<i>Ch</i>	<i>JAG</i>	<i>JAG</i>
A 1	TMC NO. CHG'D. TO FAMILY.	6/3/57	1	<i>JAG</i>	<i>JAG</i>	<i>JAG</i>
TOLERANCES						
SCALE:						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
DEC. DIM. \pm						
FRAC. DIM. \pm						
ANGULAR DIM. \pm						

CA-319 **AP**

USED ON
 ASSY. NO. DATE
 MODEL RTP-RTP-2 10-31-56

REQ. PER UNIT 1E
 FROM T603 PIN 7
 T603 PIN 5
 V607 PIN F

TMC NO.	"A"	COLOR	PART NO.	FROM	TO
CA-319 - 1	3/8"	BLK/WHITE	SR16(19)12U90	V606 PIN F	T603 PIN 7
- 2	5/4"	WHITE	99	↑	T603 PIN 5
- 3	4/4"	WHITE	99	↑	V607 PIN F



"A" LENGTH ALLOWS 3/8" EACH END FOR STRIPPING.

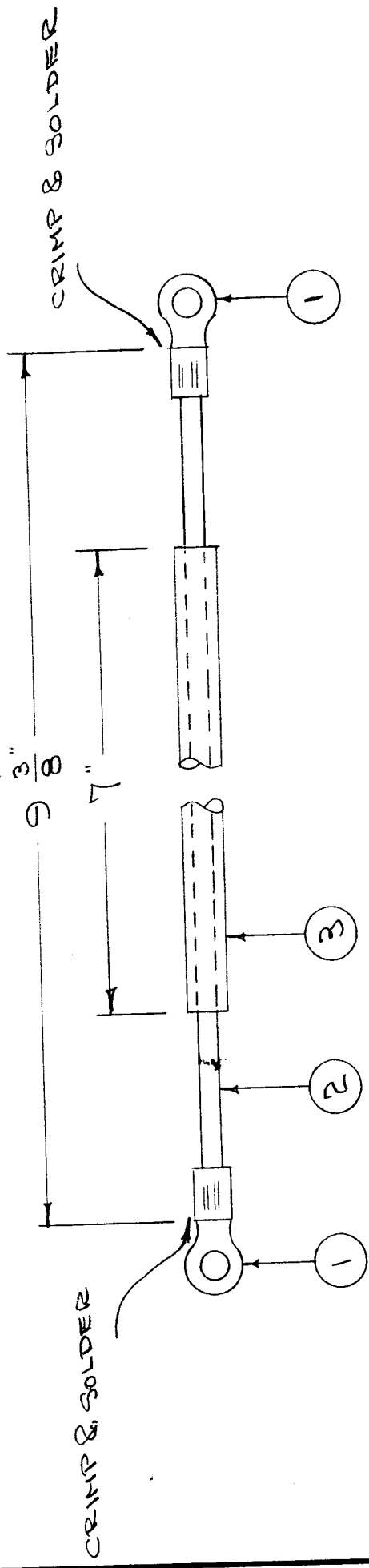
SUPERSEDED
 DIRECTLY REPLACED BY:
 CA-319-1 } REPLACED BY CA-405
 CA-319-2 }
 CA-319-3 REPLACED BY CA-404-2
 7-10-63 EMN 9507 **Ⓡ**

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	BS-100	SOLDER, SOFT	
2	TE-VAI-3	LUG	
X 1	SEE CHART	CABLE, INSULATED	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK CABLE ASSY., FILAMENT RTP			
STOCK SIZE MATERIAL TYPE & TEMPER HEAT TREAT. SPEC FINISH & SPEC. NO.			
TOLERANCES MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			
ISSUE ITEM	CHANGED FROM	DATE	CH. NO. DRAFTS CHECKER ENG. APP.
A 1	REPLACED BY CA-405 & CA-404-1	7-10-63	9507 Ⓡ M.
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		SCALE: TOLERANCES	
DRAWN CHECKED FINAL APPROVAL		10/1/56 AND CA-319 A	

REQ. PER UNIT	USED ON ASSY. NO.	DATE
1	RTP	10-31-56
1	RTP-2	

CA-320 A

ALLOWS 3/8 EACH END FOR STRIPPING



SUPERSEDED

FROM TO
V606 PIN F V607 PIN E

WITH MODIFICATION

7-10-63 EMN 9509

CA-404-1

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X A	BS-100	SOLDER, SOFT	
T" 3	PX 342-1-.263	SLEEVING	
3/8" 2	SRIR6(19)RU90	CABLE, INSULATED WH/BLK	
2 1	TE-141-3	LUG	

THE TECHNICAL MATERIAL CORP. MAMARONECK, NEW YORK	FINAL APPROVAL
CABLE ASSY., FILAMENT	CA-320
RTP	
10/31/56	10/31/56
DRAWN	CHECKED
TYPE & TEMPER	HEAT TREAT. SPEC.
FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.

ISSUE ITEM A 1

CHANGED FROM

DATE 7-10-63

CH. NO. 9509

DRAFTS

CHECKER

ENG. APP.

SCALE:

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

REMOVE ALL BURRS AND SHARP EDGES

TOLERANCES

DEC. DIM. ±

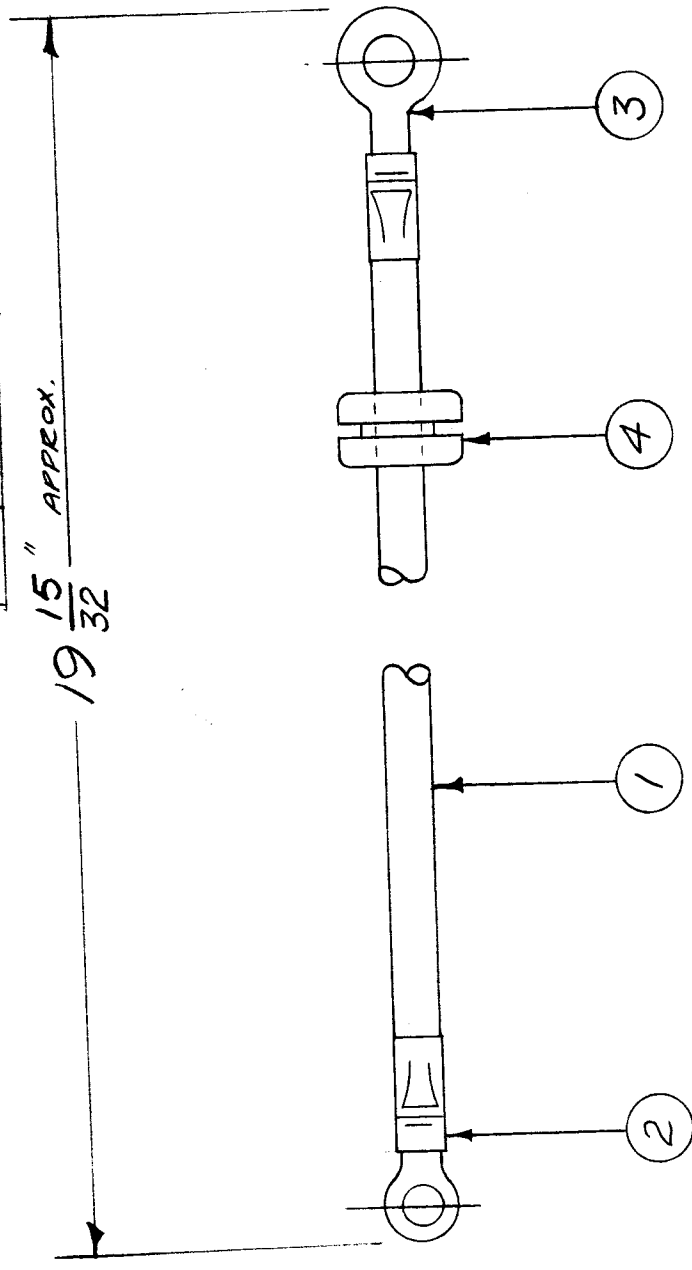
FRAC. DIM. ±

ANGULAR DIM. ±

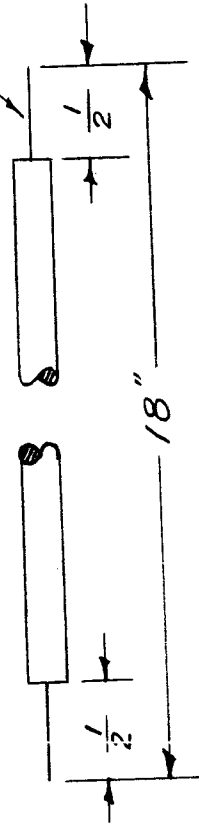
CA-322

REQ. PER UNIT	1	USED ON	
MODEL	RTF	ASS'Y. NO.	
RTF-2	P/A	DATE	11-26-56
			12-5-58

19 ¹⁵/₃₂" APPROX.



STRIP & TIN BOTH ENDS



X 5	BS-100	SOLDER, SOFT	
1 4	EY-102-3	GROMMET, ELASTIC	
1 3	TE-155-34171	TERMINAL, SOLDERLESS	
1 2	TE-155-34170	TERMINAL, SOLDERLESS	
18" 1	WI-126-1	WIRE, SINGLE COND.	RED.
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
	ff	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	ff	LEAD, ELECTRICAL	
	ff	RTF - P.A.	
	ff	MATERIAL	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
ff	ff	16 11-26-56	A. J. J.
		MECH. DES. APP.	FINAL APPROVAL
		ELEC. DES. APP.	CA-322

TOLERANCES

DEC. DIM. ±
 FRAC. DIM. ± 1/32
 ANGULAR DIM. ±

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

DATE CH. NO. DRAFTS CHECKER ENG. APP.

CA-323

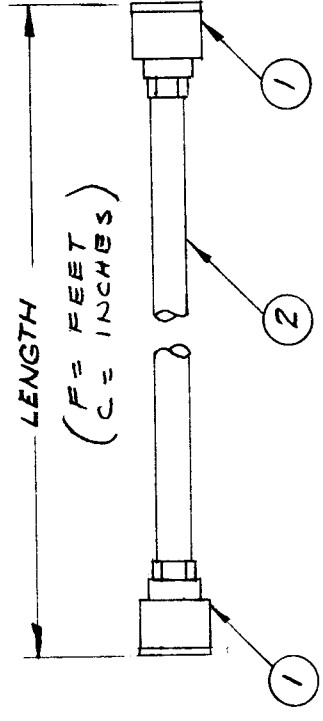
USED ON
ASS'Y. NO.

MODEL

REQ. PER UNIT

DATE

NO LONGER USED
DIRECTLY REPLACED BY CA-480
AS FOLLOWS:
CA-323-S IS NOW CA-480-18
CA-323-L IS NOW CA-480-38



SYM	SERIES	ITEM 2	ITEM 1
S	QDS	RG 11/U	PL-149 (W/ID ARMOR NUT)
L	QPL	RG-164	PL-136

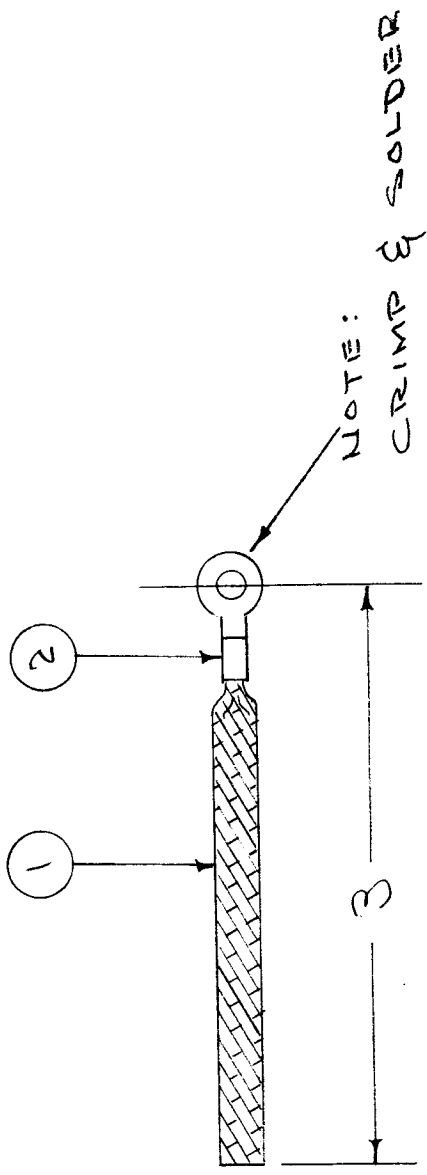
Nomenclature To Be As Follows:
CA-323 - L - 4 - F
Basic Part No. TYPE length.
F = FEET
C = INCHES

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 2	SEE CHART	CABLE RF.	
2 1	SEE CHART	PLUG CONNECTOR	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		RF PATCHING CABLE ASS'Y	
		MODEL'S QDP	
		8-2-57	
		DRAWN	
		CHECKE	
		FINAL APPR VAL	
		ELEC. DES. APP. MECH. DES. APP.	
		FINISH & SPEC. NO.	
		CA-323	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D 1	NO LONGER USED NOTE ADDED	5/29/58	5503	A.I.	RU	ST
C 1	Symbol "X" Deleted	5/28/58	3	JAD		
B 2	LENGTH CLARIFIED "X" SYM. ADDED	4/25/58	2	JAD		
A 1	PL-149 WAS PL-145	2/14/58	1	JAD	VG	

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

REQ. PER UNIT	271	USED ON	CA-300	B
MODEL	RTF	ASSY. NO.		
		DATE	5-1-56	
			11-20-58	
	RTF-2	MULT		



SUPERSEDED

DIRECTLY REPLACED BY CA-409-94-2.75"
8-1-63 968 AIG.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	BS-100	SOFT, SOLDER	
1	TE-1A1-1	TERMINAL	
X	WL-103-4	SHIELD	

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
CABLE ASSY.)	6146 PLATES
MULT	GPT-150
CD 5/11/56	Checked A. J. J.
DRAWN	MECH. DES. APP. CA-300
TYPE & TEMPER	HEAT TREAT. SPEC.
FINISH & SPEC. NO.	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	DIRECTLY REPLACED BY CA-409-94-2.75	8-1-63	9681	AK	JAY	LB
A	WAS OBSOLETE	12/13/56	1	16	JAY	NY

° TOLERANCES

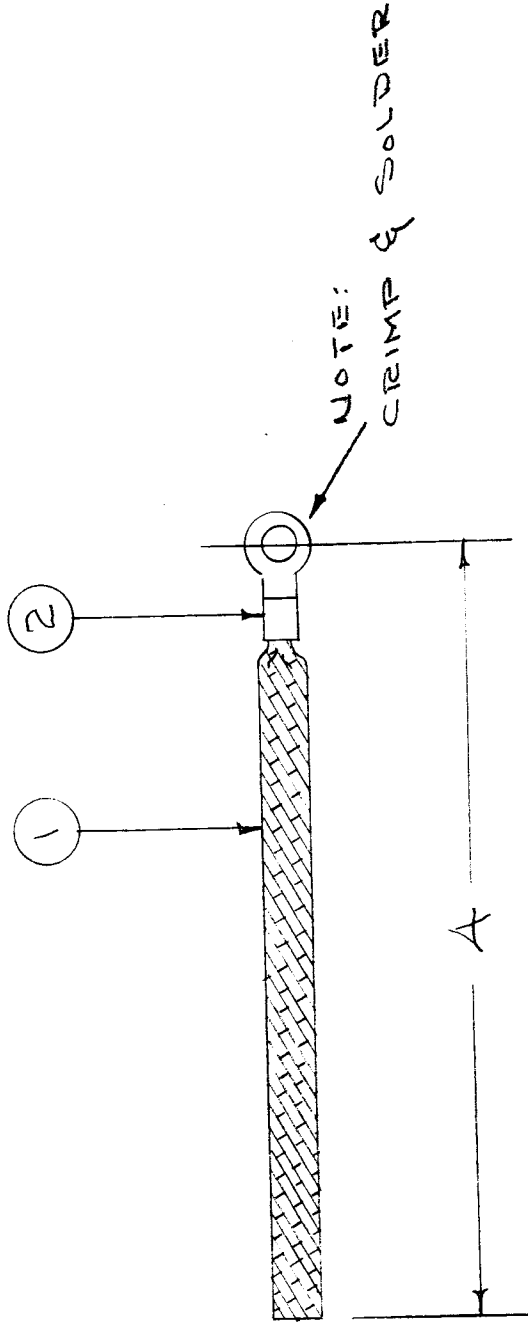
DEC. DIM. ±

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. PER UNIT	271	USED ON	CA-301
MODEL	RTF	ASSY. NO.	
DATE	5-7-56		



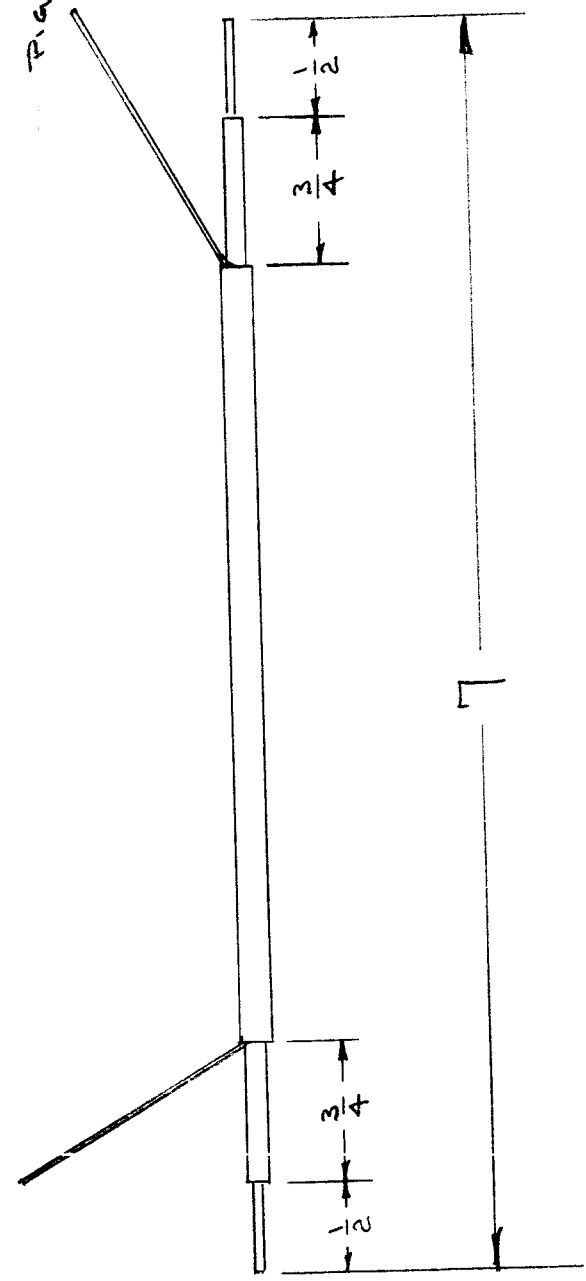
X 3	BS-100	SOFT SOLDER	SYMBOL
1	TE-1A1-4	TERMINAL	
X 1	WL-103-A	SHIELD	
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP.	
		MAMARONECK. NEW YORK	
		CABLE ASSY, W108 TO S101 PIN 8	
		P/A	GRT-750
		DRAWN	A.J.J.
		CHECKED	
		MECH. DES. APP.	CA-301
		ELEC. DES. APP.	
		FINISH & SPEC. NO.	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		MATERIAL	
		STOCK SIZE	

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

CA-325

REQ. PER UNIT	USED ON
1	ASSY. NO.
	DATE
	1/8/57
	MODEL
	GSB-1

Pig Tail 1/4"

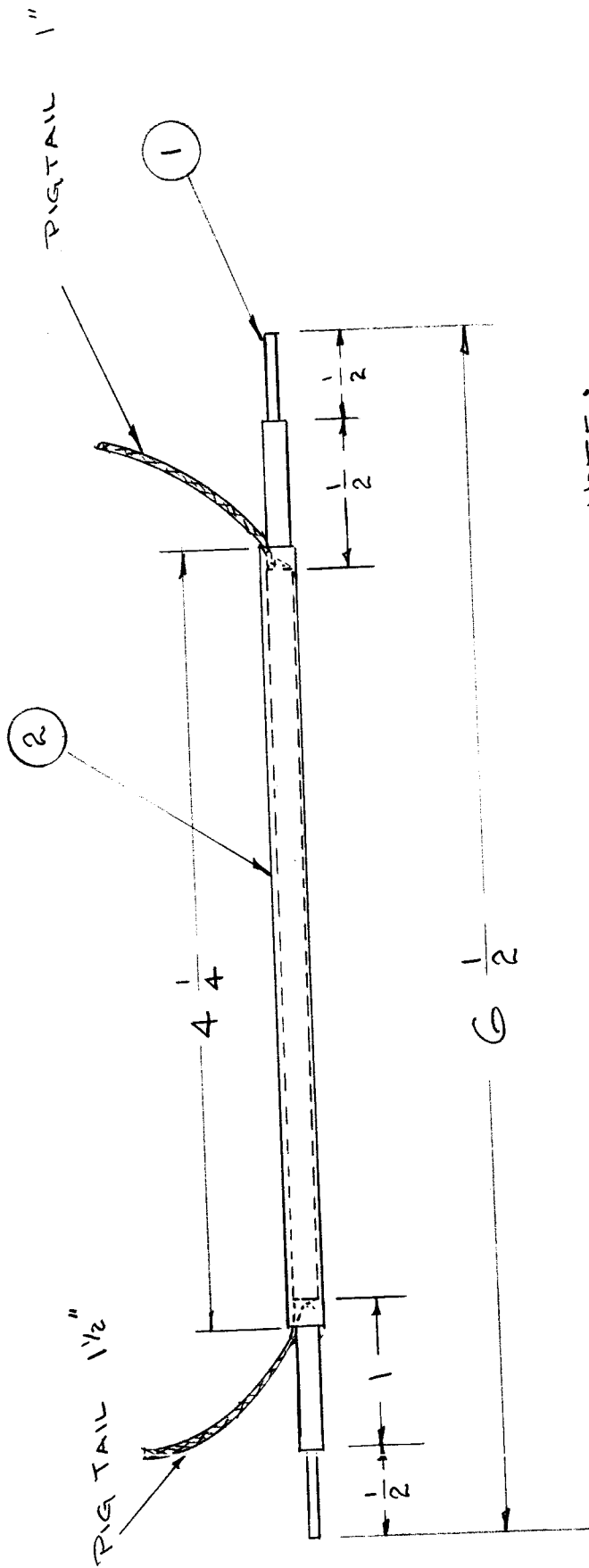


NOTE
SOLDER DIP BOTH ENDS

REQ. ITEM	7	WI-101-4	DESCRIPTION	Cable, Shield Flexible (Given)	SYMBOL
TYPE & TEMPER				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
HEAT TREAT. SPEC.				CABLE, INTERCONNECT	
FINISH & SPEC. NO.				NYC OSC. To Y5	
ISSUE ITEM					
CHANGED FROM					
DATE					
CH. NO.					
DRAFTS					
CHECKER					
ENG. APP.					
SCALE:					
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
TOLERANCES					
DEC. DIM. ±					
FRAC. DIM. ±					
ANGULAR DIM. ±					
TYPE & TEMPER					
HEAT TREAT. SPEC.					
FINISH & SPEC. NO.					
ISSUE ITEM					
CHANGED FROM					
DATE					
CH. NO.					
DRAFTS					
CHECKER					
ENG. APP.					
DRAWN					
1/8/57					
CHECKED					
A.J.J.					
FINAL APPROVAL					
ELEC. DES. APP. MECH. DES. APP.					
P.R.K.					
CA-325					

CA-326

REQ. PER UNIT 1	MODEL CSB-1	USED ON ASSY. NO.	DATE 1/8/57
--------------------	----------------	----------------------	----------------



NOTE:
SOLDER DIR BOTH ENDS

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
4 1/4	2	PX-100-1-106	INSULATION, SLEEVING
6 1/2	1	WI-101-A	Cable, Shield Flexible (Blue)
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		CABLE, INTERCONNECT (To FX-150)	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		1/8/57	16 1/8/57
FINISH & SPEC. NO.		FINAL APPROVAL	
		A.J.J.	
		CA-326	

SCALE:

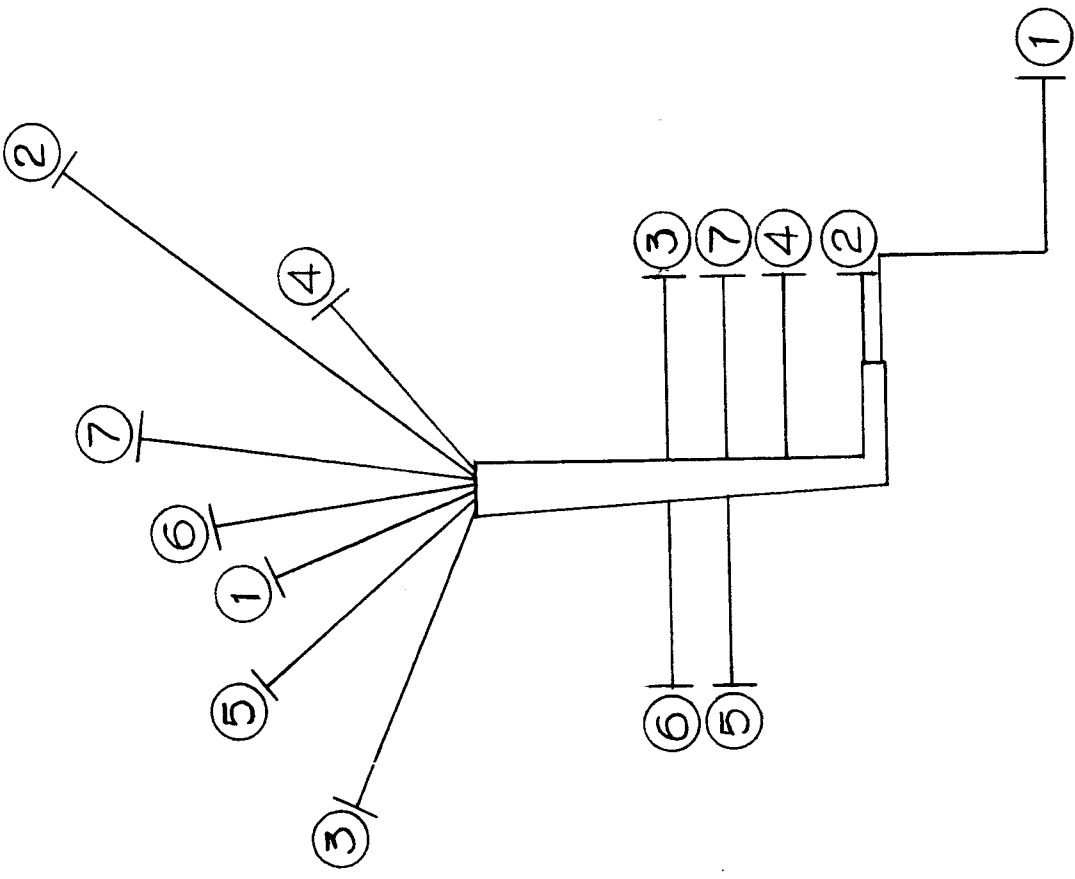
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

CA-328

RE. PER. UNIT	MODEL	USED ON	DATE
1	TTU	ASSY. NO. 2A-1395	1-28-57

NOTE - Total Lengths include 3/4" stripping on each end.



REQ. ITEM	DESCRIPTION	PART NO.	SYMBOL
X 8	CD-101-1-GE Cord, Lacing, Nylon		
6	SRIR-3/8(7)-22-U-96 Cable, Insulated, Stranded		Wh/Bl.
5 1/4		95	Wh/Gr.
5 5/8		55	Grn.
5 1/2		44	Yell.
5 3/8		66	Blue
7 1/2		94	Wh/Yel
8		33	Or.

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
Cable, Terminal Board
Model TTU
16-28-57
TYPE & TEMPER HEAT TREAT. SPEC.
FINISH & SPEC. NO.

DRAWN: *[Signature]*
 CHECKED: *[Signature]*
 ELEC. DES. APP. MECH. DES. APP.

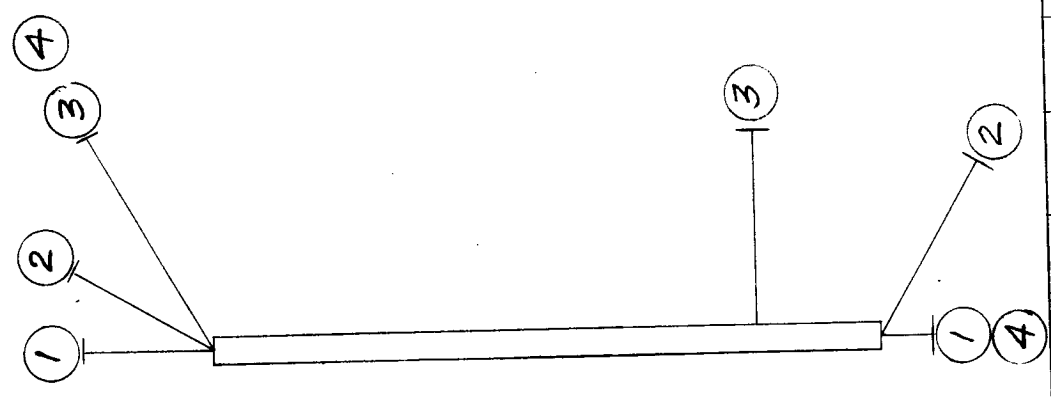
DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

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

CA-328
 FINAL APPROVAL

REQ. PER UNIT	MODEL	USED ON
1	TRU	ASSY. NO.
		DATE
		2/5/57

CA-333



NOTE Total lengths include $\frac{3}{4}$ " stripping on each end.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 5	CD-101-1-GE	CORD LACING, NYLON	PINK
6 $\frac{3}{4}$	SRIR- $\frac{3}{8}$ (7)22U Pink	CABLE INSULATED	WHITE ORANGE
6 $\frac{1}{8}$	93		BLACK
7 2	00		RED
6 $\frac{1}{8}$	22		

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
POWER CABLE, TRU	
STOCK SIZE	
MATERIAL	
TYPE & TEMPER	HEAT TREAT. SPEC
FINISH & SPEC. NO.	

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

J.A.D. A.J.J.

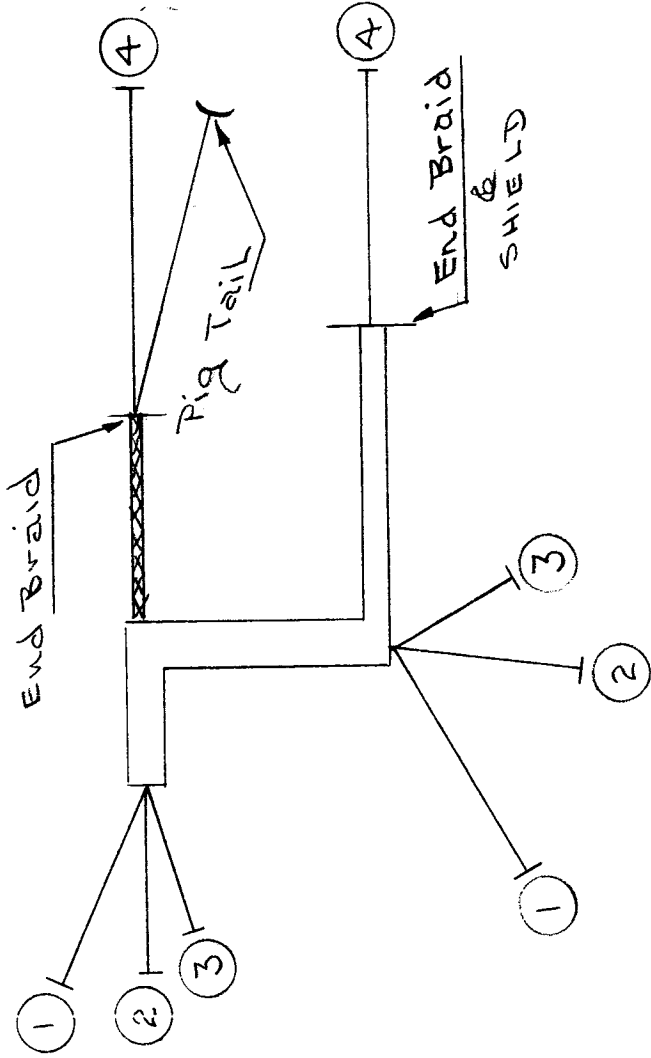
CHECKED FINAL APPROVAL

DRWN CA-333

ELEC. DES. APP. MECH. DES. APP.

CA-334 B

RE. PER UNIT	1
MODEL	TRU
ASSY. NO.	2A-1394
DATE	1/31/57



NOTE:
Total lengths include $\frac{3}{4}$ " stripping on each end.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 5	CD-101-1-6E	CORD LACING NYLON	
8 1/2	WI-101-6	CABLE, THREE - CONDUCTOR	
5 3/8	SRIR 3/8(7)22066	CABLE, INSULATED	BLUE
5 1/2	SRIR 3/8(7)22055	"	GREEN
6 1/8	SRIR 3/8(7)22044	"	YELL.

THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	CHECKED	FINAL APPROVAL
CABLE, AUDIO, TRU		A. J. J.
		CA-334 B

2	LENGTHS ADDED	3-15-57	2	SC.	6
1	3 COND. WAS MULTI COND.				
A 1	ITEM 4 REVISED	3-8-57	1	SC.	ADD MP

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

SCALE:

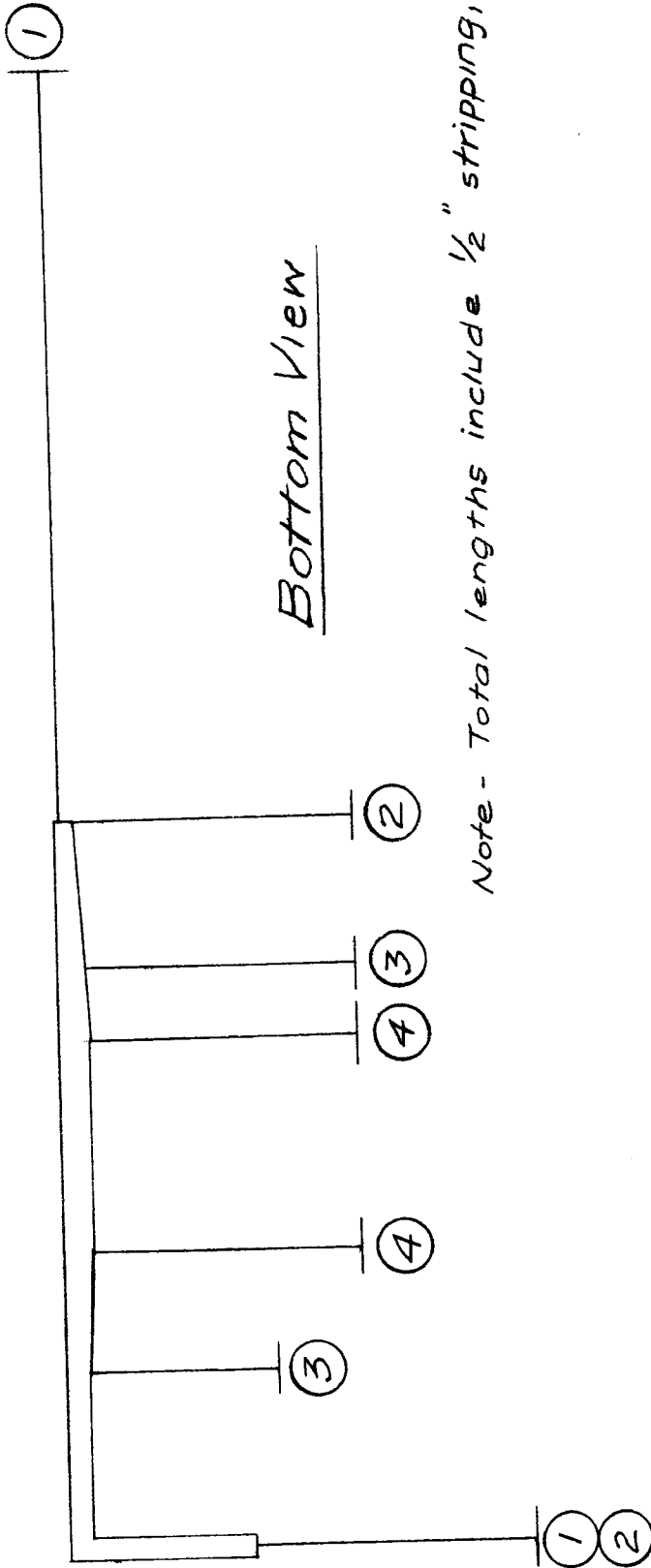
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

(B)

USED ON		DATE
REQ. PER UNIT	ASSY. NO.	
1	TRF	2-8-57
1	TTF	2-8-57

CA-335



Bottom View

Note - Total lengths include 1/2" stripping, each end.

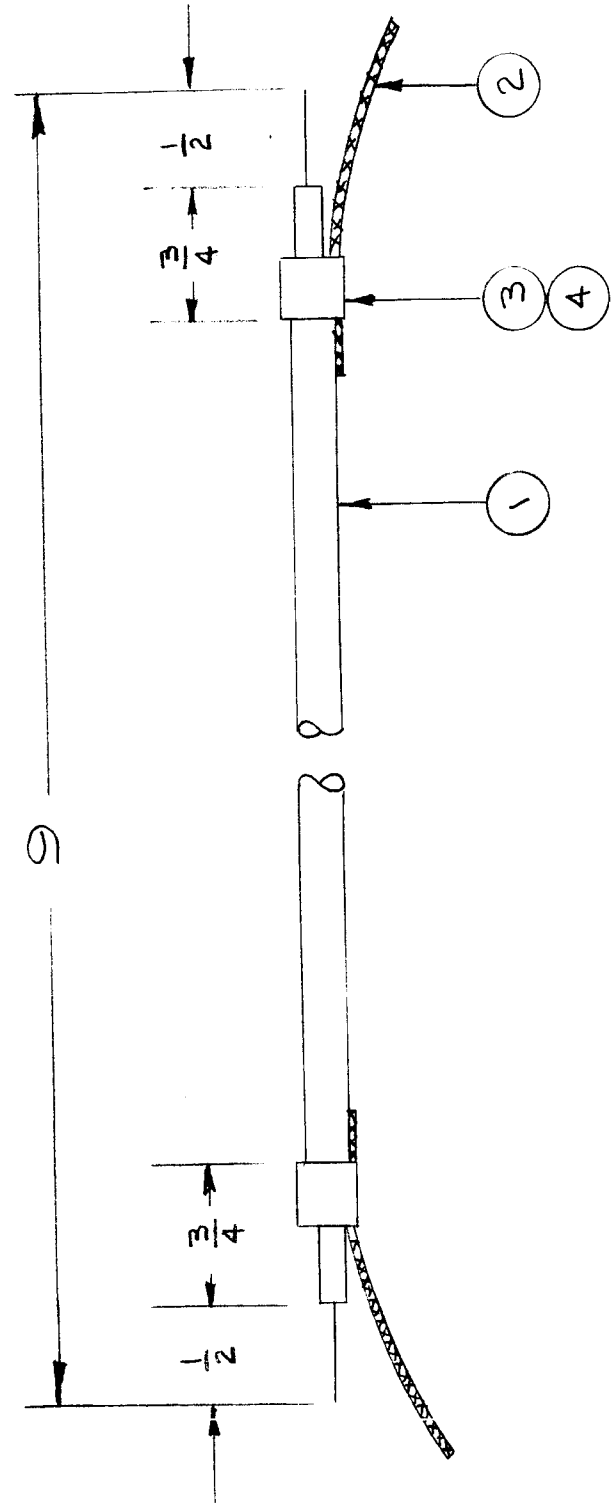
X	5	CD-101-1-GE	CORD, LACING, NYLON	VIOLET
5 1/2	4	SRIR 3/8 (7) 22 U-77	CABLE, INSULATED.	BLUE
6	3			GREEN
9 1/8	2			WHITE
11 5/8	1			BROWN
				SYMBOL
REQ. ITEM	PART NO.	DESCRIPTION		
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
		CABLE, TRANSFORMER		
		TRF & TTF		
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
SS	SS	62-8-57	TRF	A. J. J.
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.		
		CA-335		

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

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

DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

REQ. PER UNIT 1	MODEL GSB-1	USED ON ASSY. NO. MARK II	DATE 5-7-57
	CA-338		



2	4	CU-101-1	FERRULE, INNER	SYMBOL
2	3	CU-101-2	FERRULE, OUTER	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK
3"	2	WL-103-1	SHIELD, FLEXIBLE	CABLE, 455 KC INPUT
X	1	RG-58/U	CABLE, COAXIAL	MARK II GSB-1
REQ. ITEM	PART NO.	DESCRIPTION		
		DRAWN 8C: 16		
		CHECKED JME		
		DATE 5-7-57		
		ELEC. DES. APP. MECH. DES. APP.		
		FINISH & SPEC. NO.		
		TYPE & TEMPER HEAT TREAT. SPEC.		
		MATERIAL		
		STOCK SIZE		
		FINAL APPROVAL CA-338		

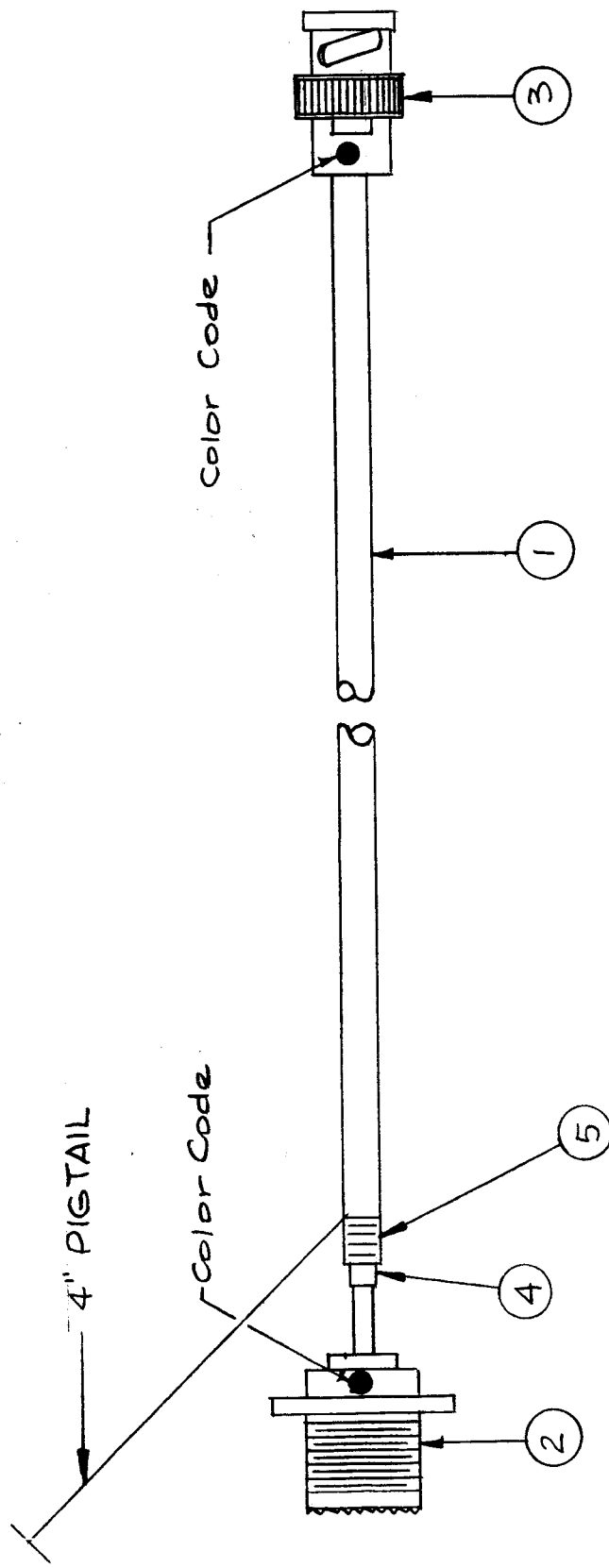
SCALE:

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

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

REQ. PER UNIT	MODEL	USED ON
2	A-1279	ASSY. NO.
2	RTS-2	DATE
		5/27/57

CA-341 E



TYPE DESIGNATION:

CA-341-12 R

TMC PART NO. LENGTH COLOR CODE
(inches) R=RED
B=BLUE
Y=YELLOW

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
E	IT 4 & 5 ADD. - TEF ADD. 112	11.7.66	17211	WHD		
D	ITEM(2) WAS SO-239	2.7.63	8213	HJR		
C	YELLOW ADDED	8/27/58	438	JG		
B	COLOR CODE ADDED	3/20/58	2	HJR		
A	UG-260/U WA 4G-88/U	6/11/57	1	W.		

TOLERANCES

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE:

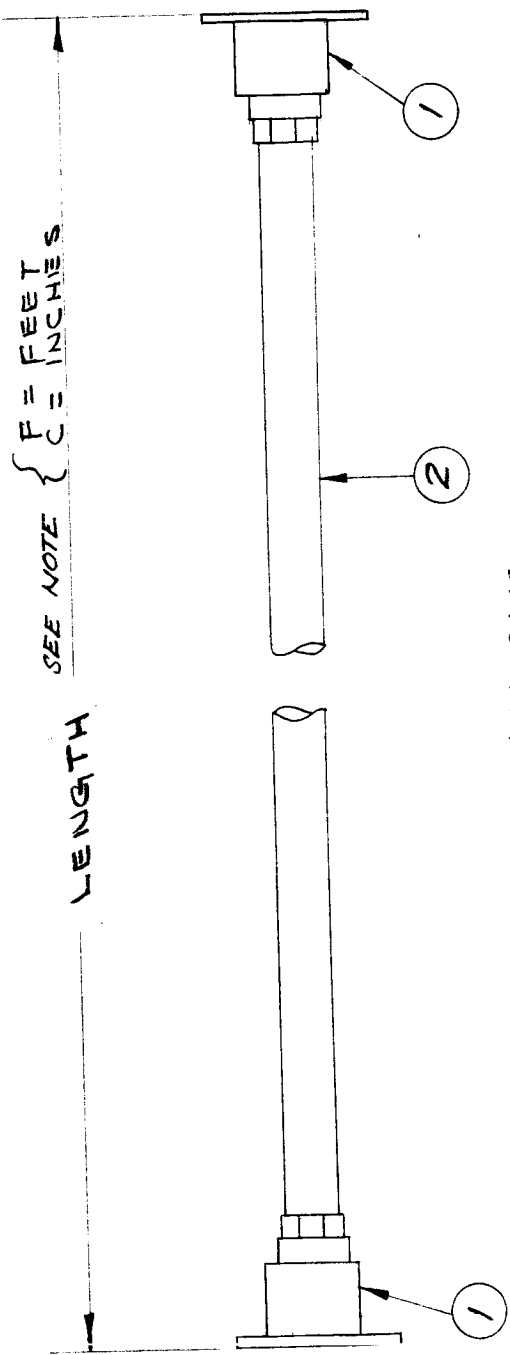
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	5 CUI01-4	FERRULE COAXIAL CABLE	
1	4 CUI01-3	FERRULE COAXIAL CABLE	
1	3 UG-260/U	CONNECTOR, PLUG	
1	2 SO-239A-TEF	CONNECTOR, RECEPTACLE	
X	1 RG-59/U	CABLE, COAXIAL	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		CABLE, INTERCONNECT, R.F.	
		MATERIAL	
		STOCK SIZE	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	
		ELEC. DES. APP.	
		MECH. DES. APP.	
		DRAWN	
		CHECKED	
		DATE	
		FINAL APPROVAL	

NO LONGER USED
 DIRECTLY REPLACED BY
CA-480-24

CA-343
 C

REQ. PER UNIT 1	MODEL GDP	ASSY. NO.	DATE 8-2-57
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NOTE
 LENGTH OF CABLE
 IS TO BE IN ACCORDANCE
 TO CUSTOMERS
 SPECIFICATION

NOMENCLATURE TO BE AS FOLLOWS:

$$CA-343 - S - 4 - \frac{F}{C}$$

TMC NO. SERIES LENGTH F = FEET
 (SMALL) C = INCHES

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C 1	NO LONGER USED	8-29-61	5503	A.I.	RU	SPM
B 1	NOMENCLATURE CLARIFIED	9/28/58	2	HUB		JMK
A 1	SERIES SYMBOL LETTER ADDED	8/28/57	1	HUB		JMK

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

X 2	RG-11/U	CABLE, R.F.	SYMBOL
2 1	PL-150	CONNECTOR PLUG	
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE	RF PATCHING CABLE ASSY	
	MATERIAL	MODELS GDP	
	TYPE & TEMPER	HEAT TREAT. SPEC.	FINAL APPROVAL
			CA-343
			C

8-2-57
 DRAWN
 CHECKED
 JMK

ELEC. DES. APP. MECH. DES. APP.

STANDARD DRAWING

CA-349 B

REQ. PER UNIT

MODEL

DATE

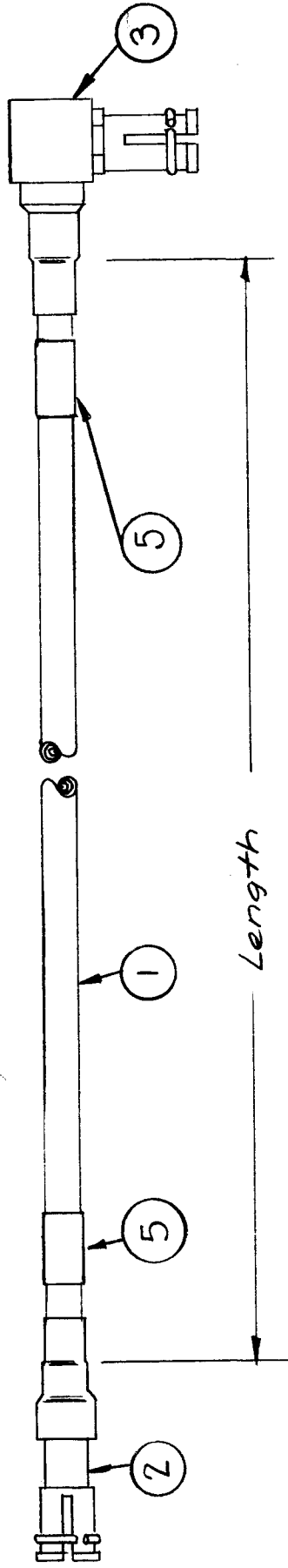
USED ON ASSY. NO.

FOR MARKING INSTRUCTIONS
SEE SPEC. LISTED

WHEN USED ON MODEL
CHG - 1

SEE SPEC. S-538

CHG - 1



Type Designation as follows:

CA-349 - L

TMC NO.

LENGTH (inches)
(See Examples)

Examples -
CA-349-5.31 = Cable Ass'y, 5 5/16" Long
CA-349-7.00 = " 7" Long

Note - See Spec. S-343 for Connector Ass'y. to Cable.

2	5	LA-105-12	LABEL (See Chart)	SYMBOL
X	4	BS-100	Solder, Soft	
1	3	PL-155	Connector, Plug, Female, < 50Ω	
1	2	PL-154	Connector, Plug, Female	50Ω
X	1	RG-174/U	Cable, Coax., Min.	
REQ. ITEM	PART NO.	DESCRIPTION		

THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
CABLE ASS'Y, MIN.	
16 8/21/57	AMB
DRAWN RWB	CHECKED RWB
TYPE & TEMPER	HEAT TREAT. SPEC.
FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.
	FINAL APPROVAL
	CA-349 B

B	1	Chart & Item Added	2-2-61	4043	RU	QCS	ENG. APP.
A	1	NOMENCLATURE CLARIFIED	11/21/57	1	16	AM	ENG. APP.
TOLERANCES							
SCALE: 2X							
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES							

STANDARD DRAWING

FOR MARKING INSTRUCTIONS
SEE SPEC. LISTED

WHEN USED ON MODEL SEE SPEC
S-538

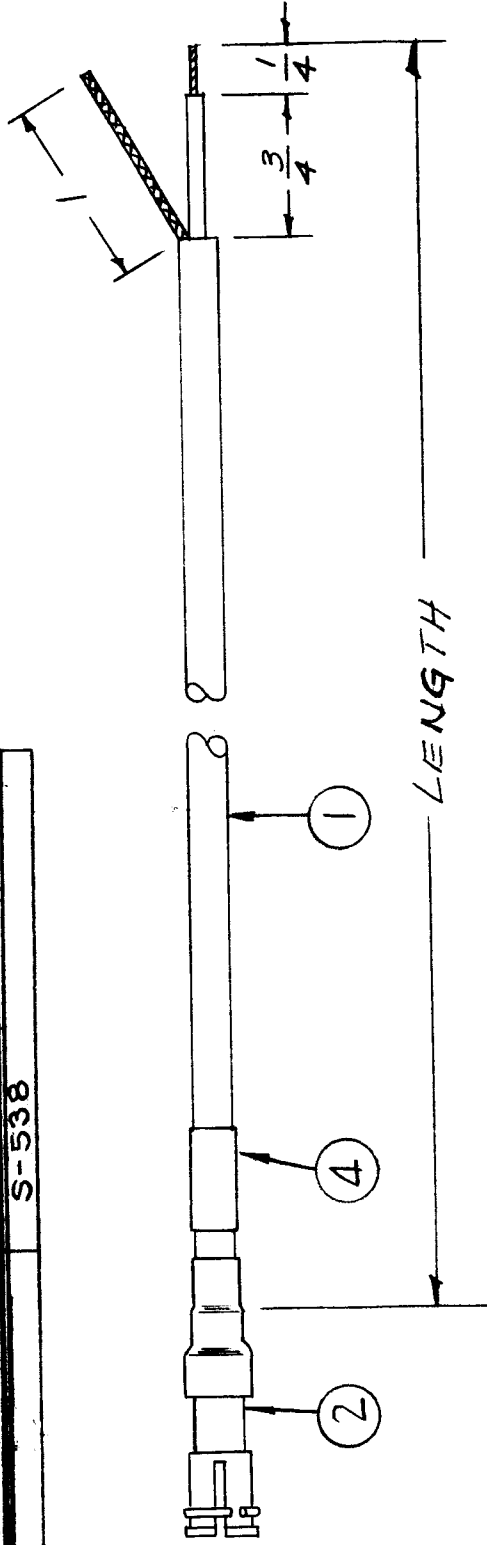
REQ. PER UNIT

MODEL

USED ON ASSY. NO.

DATE

CA-350 B



Type Designation to be as Follows:

CA-350-L

TMC NO. LENGTH (inches)

(See Examples)
Examples -
CA-350-5.31 = Cable Assy, 5 5/16" Long
CA-350-7.00 = " " , 7" Long

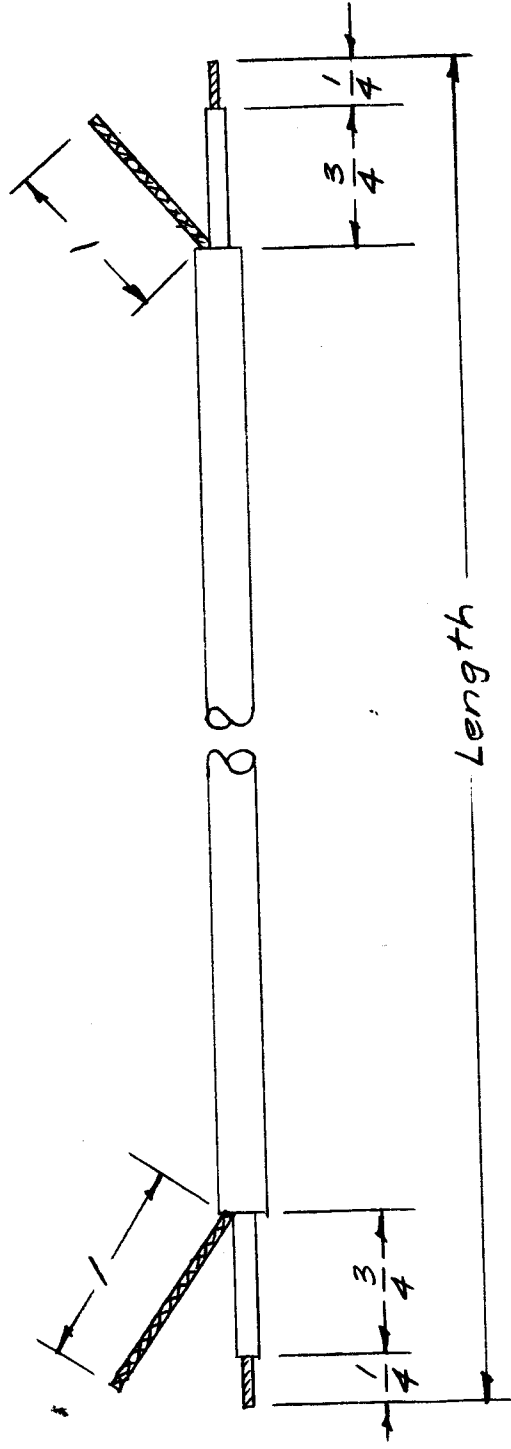
Note - See Spec. S-343 for Connector Assy. to Cable.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	4 LA-105-12-	LABEL (See Chart)	
X	3 BS-100	Solder, Soft	
1	2 PL-154	Connector, Plug, Female	502
X	1 RG-174/U	Cable, Coax., Min.	
STOCK SIZE			
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
TYPE & TEMPER		CABLE ASSY., MIN.	
HEAT TREAT. SPEC.			
DRAWN		CHECKED	
RWB		JAW	
DATE		DATE	
11/21/57		11/21/57	
SCALE: 2X		FINAL APPROVAL	
TOLERANCES		CA-350 B	
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

STANDARD DRAWING

REQ. PER UNIT	USED ON	CA-351/A
MODEL	ASSY. NO.	
	DATE	



Type Designation as Follows.

CA-351-L

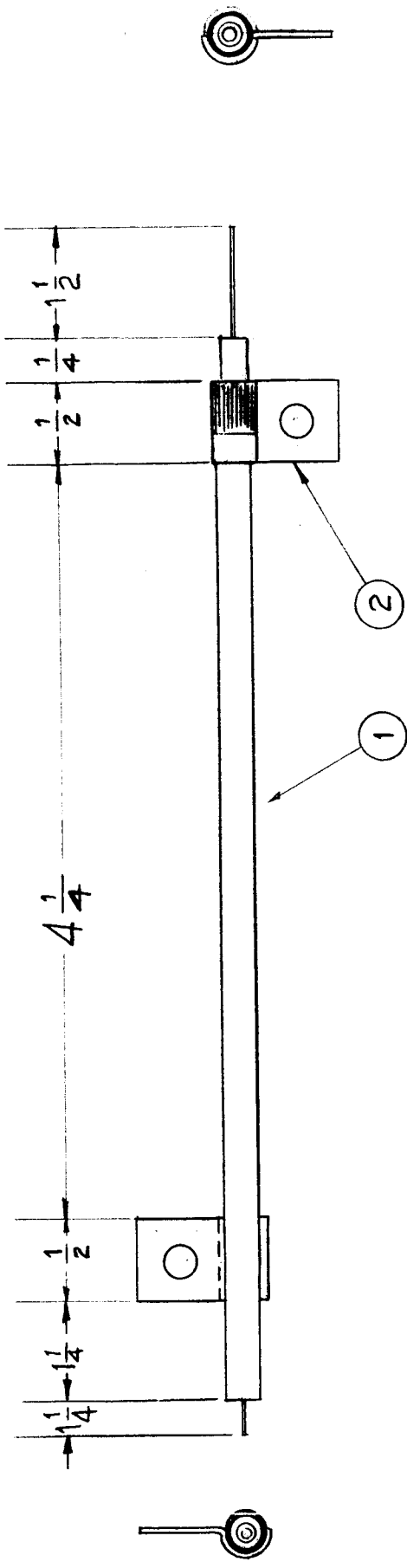
TMC DWG NO. _____
LENGTH (inches)
(See Examples)

Examples =
CA-351-5.31 = Cable, RF, 5 5/16" Long
CA-351-7.00 = " " " 7" Long

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		CABLE, RF, (RG-174/U)	
		16/27/57	DRWN
		16/21/57	CHECKED
			FINAL APPROVAL
			CA-351/A
A	1	11/21/57	16
		DATE	CH. NO.
		DRAFTS	CHECKER
		ENG. APP.	
NOMENCLATURE CHANGED FROM			
SCALE:			
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			
TOLERANCES			
DEC. DIM. ±			
FRAC. DIM. ±			
ANGULAR DIM. ±			

CA-352 C

REQ. PER UNIT	USED ON
1	ASSY. NO.
1	DATE
	8-29-57
	8-20-63



INSTRUCTIONS FOR CABLE ASSEMBLY

1. Comb braid out, lay cable clamp over braid, fold braid over clamp & solder to clamp.
2. Remove excess braid.
3. Strip inner insulation, being extremely careful so as not to cut or pull out center conductor.

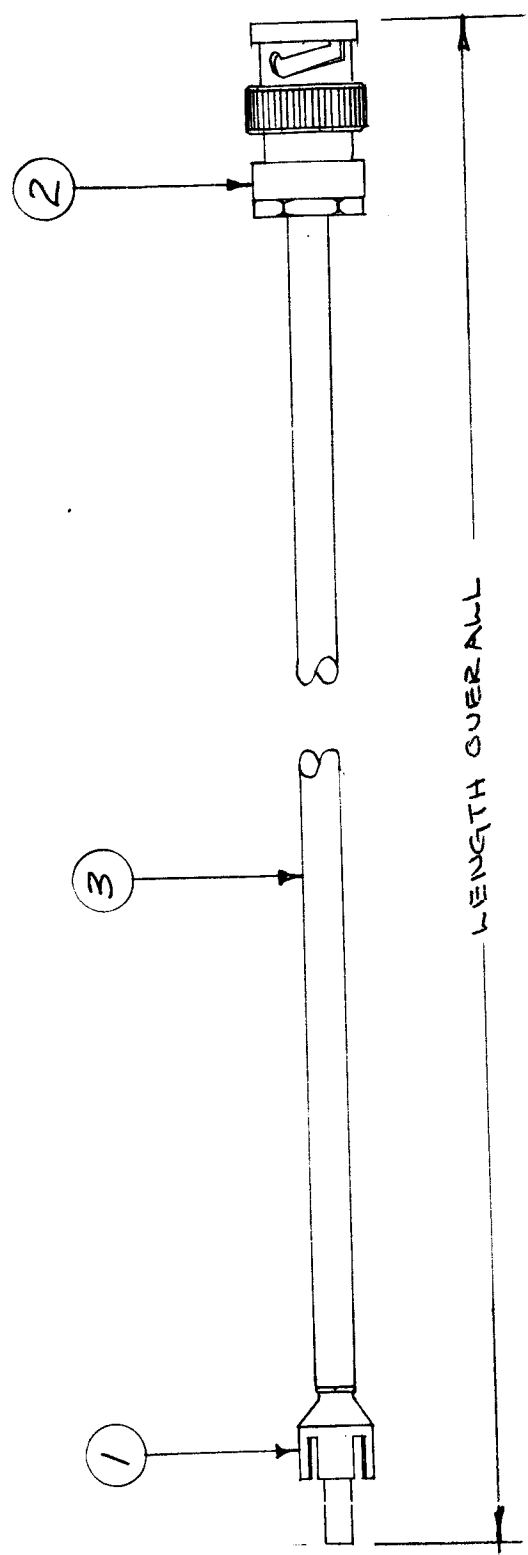
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	BS-100	SOLDER, SOFT	
2	CU-104-2	CLAMP, CABLE	
9 1/2	RG-114-A/U	CABLE, COAX	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
CABLE, OSC. INPUT			
DRAWN		DATE	CHECKED
P.L.K.		8-29-57	J.H.D.
ELEC. DES. APP.		MECH. DES. APP.	FINAL APPROVAL
P.L.K.		J.H.D.	CA-352 C
FINISH & SPEC. NO.			

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	IT 1 WAS 1	10-18-66	17039	WHD	R.S.	
B 1	PICTORIAL MOD. MODEL # GPR-90RX DADDED	8-19-63	9814	AK	J.M.Y.	
A 1	3/4 WAS 1/2, 1/4 WAS 1/4 1/4 WAS 1/2.	11-19-59	1561	DM	J.H.D.	

TYPE & TEMPER	HEAT TREAT. SPEC.	MATERIAL	STOCK SIZE
—	—	—	—

SCALE: 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	DATE
1	ASSY. NO.	9-16-57
	MODEL	
	MSR 6PK-90XX	
CA-354		



Nomenclature to be as follows:

CA-354-24
 TMC DWG NO LENGTH OVERALL
 (IN INCHES)

X 4	BS-100	Solder, Soft	SYMBOL
X 3	RG-59/U	Cable, Coax	
1 2	UG-260/U	Connector, Plug	
1 1	PL-147-2	Plug, Tip	
REQ. ITEM	PART NO.	DESCRIPTION	
THE TECHNICAL MATERIEL CORP.			
MAMARONECK. NEW YORK			
CABLE ASSY, RF			
MATERIAL			
STOCK SIZE			
TYPE & TEMPER			
HEAT TREAT. SPEC.			
FINISH & SPEC. NO.			
ELEC. DES. APP. MECH. DES. APP.			
DRAWN			16 9/16/57
CHECKED			HAUSA
FINAL APPROVAL			CA-354

SCALE:

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

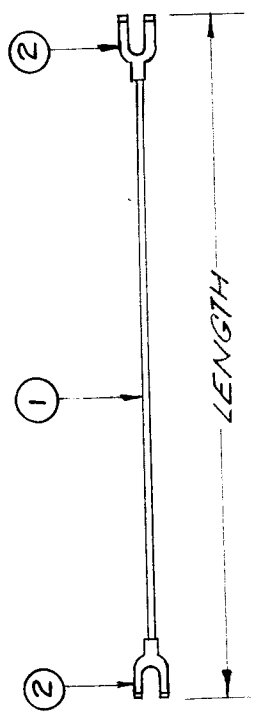
TOLERANCES

DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

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

CA-355

USED ON
ASSY. NO. DATE
MSR/GPR-90EX 9-12-57



NOMENCLATURE TO BE AS FOLLOWS:

CA-355-9-8
 TMC NO. COLOR LENGTH IN INCHES.

NO.	COLOR
0	BLACK
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE

2	2	TE-120-2	SPADE LUG	
X	1	MWC22(7)U	CABLE, INSULATED (SEE CHART FOR WIRE COLOR)	
REQ. ITEM		PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE	CABLE ASS'Y	
		MATERIAL		
		TYPE & TEMPER	EC. 9-19-57	
		HEAT TREAT. SPEC.	DRAWN	
		FINISH & SPEC. NO.	CHECKED	
			FINAL APPROVAL	
			ELEC. DES. APP. MECH. DES. APP.	

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

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

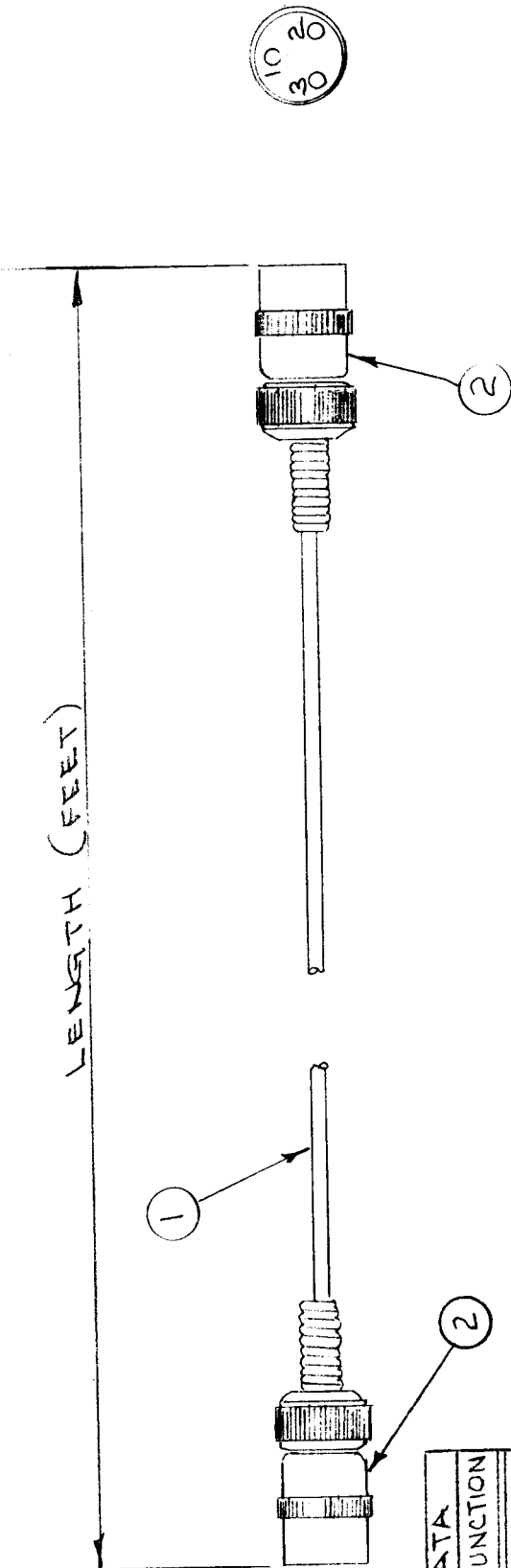
DEC. DIM. +
 FRAC. DIM. +
 ANGULAR DIM. +

TOLERANCES

CA-355

CA-357 A

REQ. PER UNIT	USED ON
10-0"	ASSY. NO.
SBE	MK103
	DATE
	10/18/57



IT.2 WIRING DATA	
PIN	WIRE COLOR
1	WHITE
2	BLACK
3	RED
	SHIELD
	GRD
	PTT

WOMENCLATURE SHALL BE AS FOLLOWS

CA-357-10

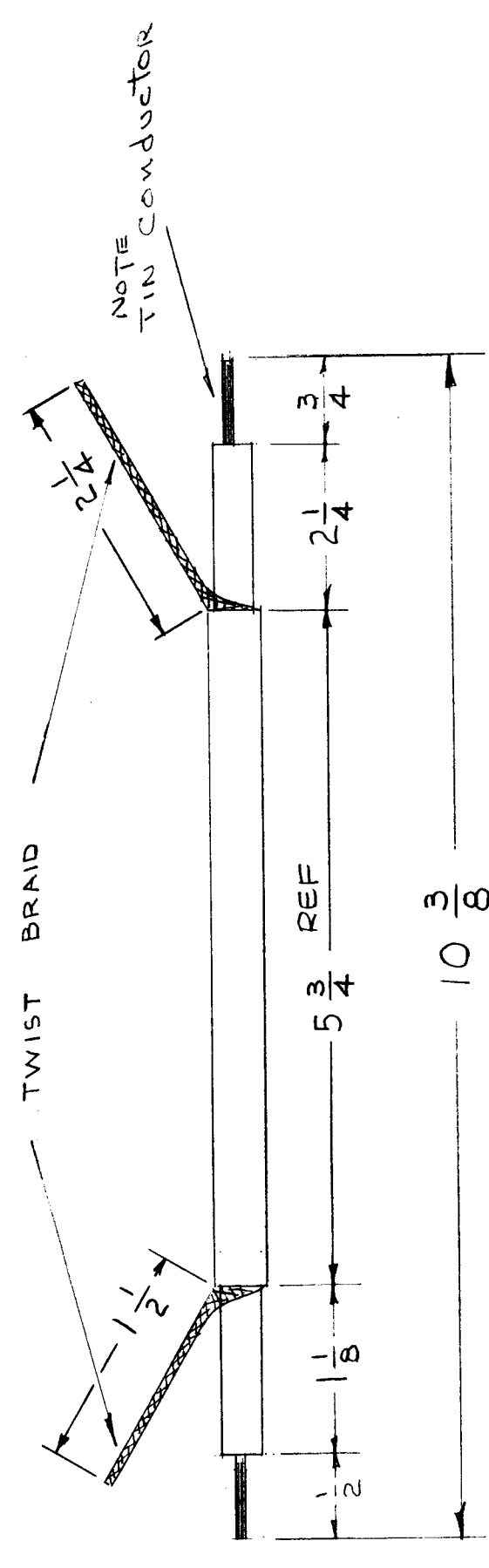
TMC DWG. NO. LENGTH (FEET)

2	2	PL-132-3	PLUG, MALE - MICROPHONE	SILVER
X	1	WI-105	CABLE, THREE CONDUCTOR	GRAY
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
	STOCK SIZE	MICROPHONE CABLE ASSY		
	MATERIAL			
	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
	FINISH & SPEC. NO.		AND	Y6
			RFS	APP
			APP	FINAL APPROVAL
				CA-357 A

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

DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

REQ. PER UNIT	USED ON	MODEL	ASSY. NO.	DATE
1	TER-500-70	A-1476	10-23-57	CA-358



5	BS-100	Solder, Soft
4	TE-141-4	Terminal, Solderless
3	TE-141-2	Terminal, Solderless
2	DELETED	
7"	RG-11/L	Cable, Coax.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
RG-11/U	CABLE	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	STOCK SIZE	CABLE, CONNECTING	
	MATERIAL	TER-500-70	
TYPE & TEMPER	HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		10-23-57	10-23-57
		SOE	ATJ
FINISH & SPEC. NO.			CA-358

CHGD DIMS. FR 7, 1, 2, 3, 4, 5, 6, 7, 8 - 1 TO 10/8, 2 1/4, 3/4, 4, 5, 6, 7, 8, 24 - 1/2, 1/2, 2 1/4, CHGD QTY IT 4, CHG D. CALLOUT 2104

DATE: 10-23-57

CH. NO. 6785

DRAFTS CHECKER: R M

ENG. APP.:

SCALE: DO NOT SCALE

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

DEC. DIM. ±

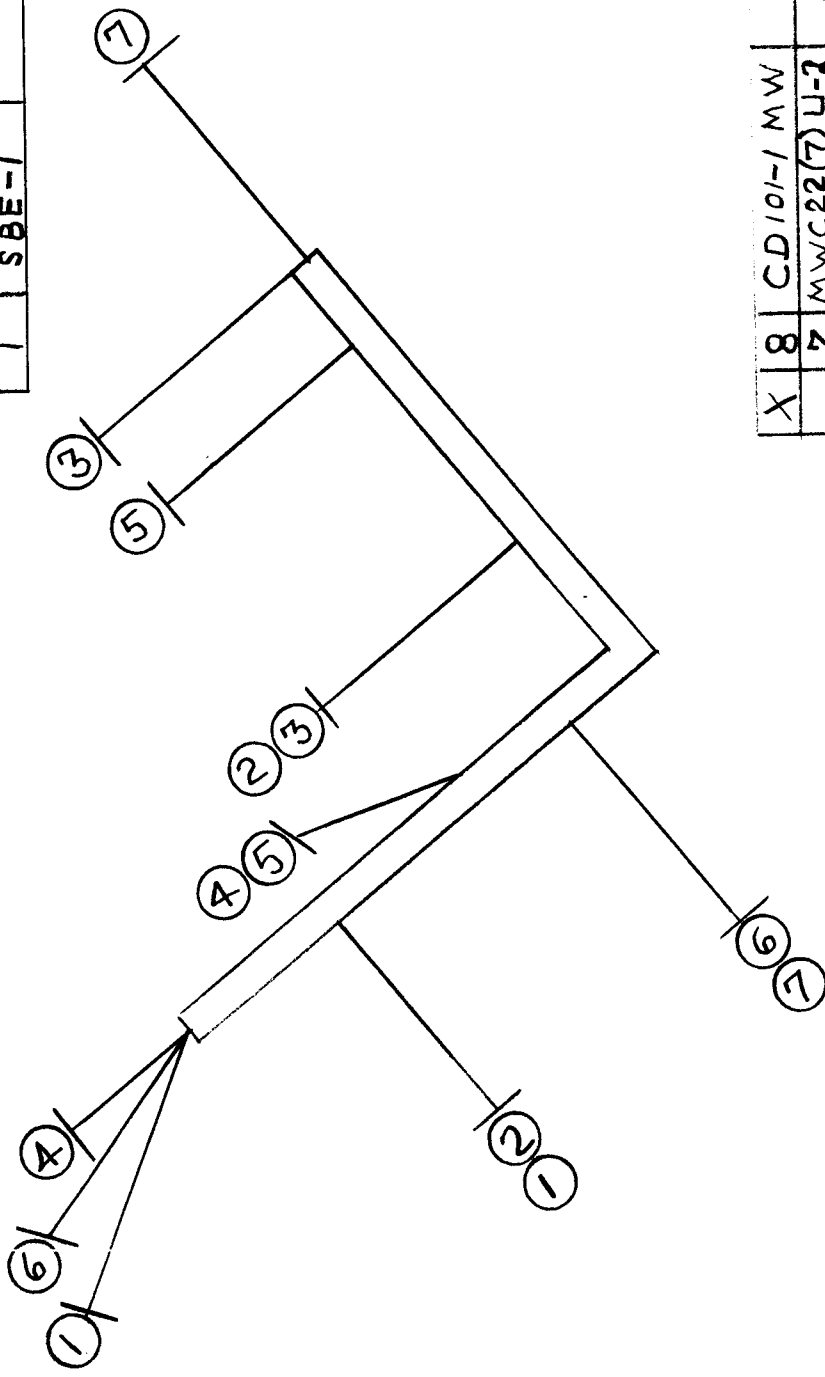
FRAC. DIM. ±

ANGULAR DIM. ±

CA-360 A

USED ON
 ASSY. NO. 11-21-57
 DATE 11-21-57
 MODEL SBE-1

REQ. PER UNIT 1



STRIP AND TIN ALL
 ENDS 1/2"

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 8	CD101-1 MW	CORD, LACING	
7	MWC22(7)U-2	No 22 WIRE RED	
6	MWC22(7)U-2	RED	
5	MWC22(7)UPINK	PINK	
4	MWC22(7)UPINK	PINK	
3	MWC22(7)U-90	BLK/WH	
2	MWC22(7)U-90	BLK/WH	
1	MWC22(7)U-90	BLK/WH	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	SBE-2 DELETED FROM USED ON BLOCK	10/3/63	10129		J.P.B.	J.P.B.

TOLERANCES
 DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

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

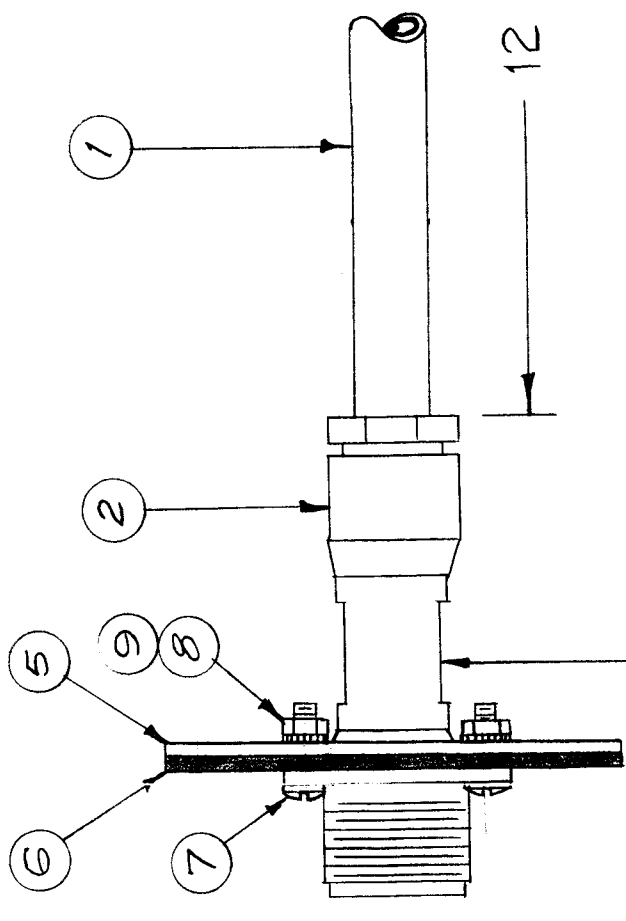
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
SS	SS	J.B.	J.P.B.	CA-360 A

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK

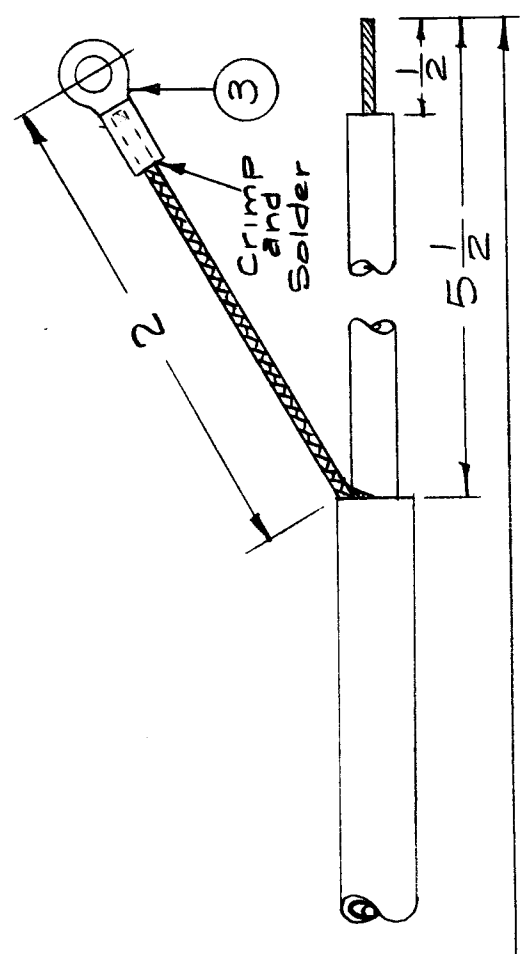
H.F. OSCILLATOR
 CABLE

2 B 1/2 x 1/2 1/2 1/2

TMC NO.	ITEM 1	MODEL	USED ON	CA-364 A
CA-364-50	RG-8/U	ATS-50TU	ASS'Y. NO.	2-13-58
CA-364-70	RG-11/U	ATS-70TU	MODEL	ATS-70TU
REQ. PER UNIT	1		DATE	2-13-58



See TMC Spec. #S-124 for Wiring Connector to Cable.



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
4	NTH04408CG	NUT, Hex.	
4	LWEO4MRC	Lockwasher, Ext.	
4	SCBS04408CG	Screw, Machine	
1	GA-141	Gasket, RF Connector	
1	MS-1170	Plate, Mtg., RF Connector	
X	BS-100	Solder, Soft	
1	TE-141-3	Lug	
1	UG-61B/U	Connector, Receptacle	
14 1/2	See Chart	Cable, Coaxial	

STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		CABLE ASS'Y, RF.	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		16 3/14/58	<i>[Signature]</i>
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
		CA-364 A	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	ITEMS 5, 6, 7, 8, 9 Added	3/19/58	1	16	<i>[Signature]</i>	<i>[Signature]</i>
TOLERANCES						
DEC. DIM. ±						
FRAC. DIM. ±						
ANGULAR DIM. ±						
SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						

NO LONGER USED
DIRECTLY REPLACED BY
CA-480-28

REQ. PER UNIT

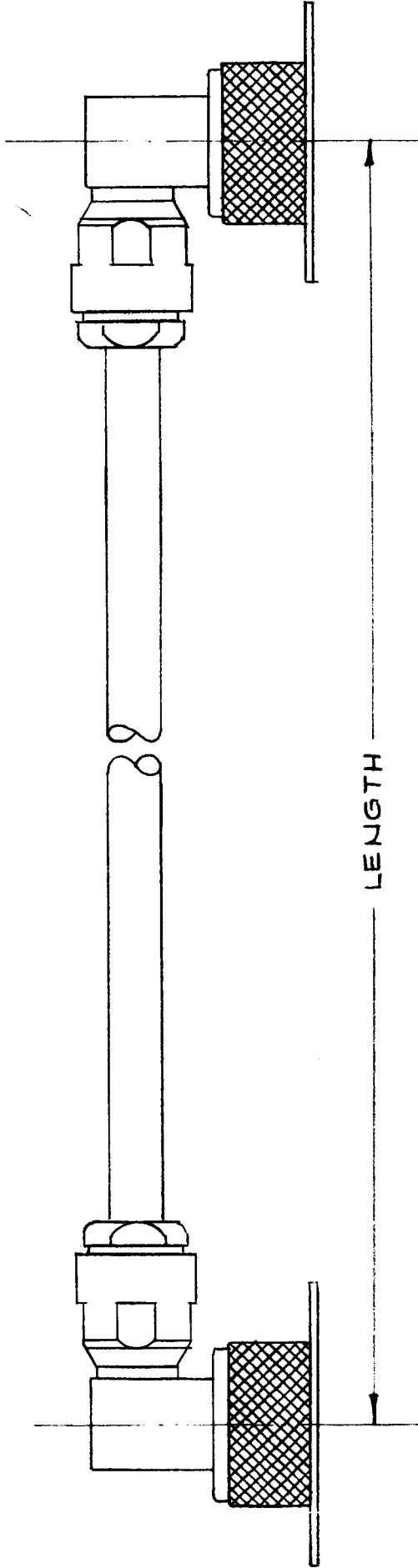
MODEL

ASS'Y. NO.

DATE

CA-366

A



See TMC Spec. S-345 for Ass'y.

CA-366-S-25-F

TMC NO. QDS SERIES

LENGTH

F = FEET
Q = INCHES

REQ. ITEM	DESCRIPTION	SYMBOL
X 3	Solder, Soft	
2 2	Connector, Plug, Male, Angle, QDS	
X 1	Cable, Coaxial, RF	
REQ. ITEM	PART NO.	
STOCK SIZE		
MATERIAL		
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
CABLE ASS'Y, RF		
W/TWO PL-159		
16/15/58		
TYPE & TEMPER	DRAWN	CHECKED
HEAT TREAT. SPEC.		
FINISH & SPEC. NO.		
ELEC. DES. APP. MECH. DES. APP.		
CA-366		
A		

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	NO LONGER USED NOTE ADDED	8-29-61	5503	I. A.	RU	GM

TOLERANCES	
DEC. DIM. ±	
FRAC. DIM. ±	
ANGULAR DIM. ±	

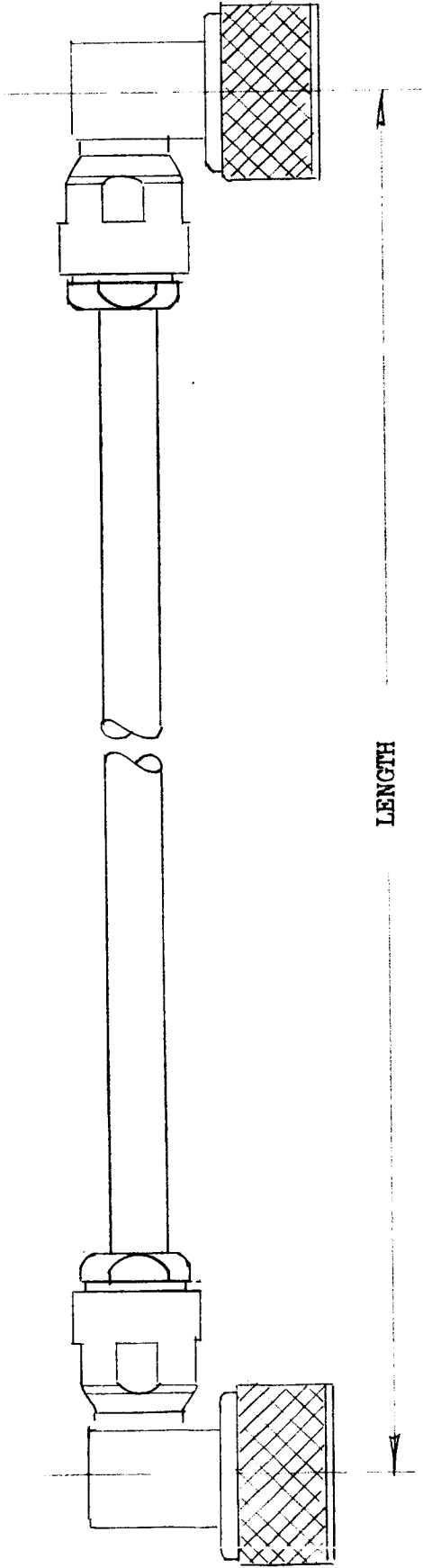
SCALE:
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

NO LONGER USED
DIRECTLY REPLACED BY
CA-480-26

REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
	QDS-Series		

CA-368

A



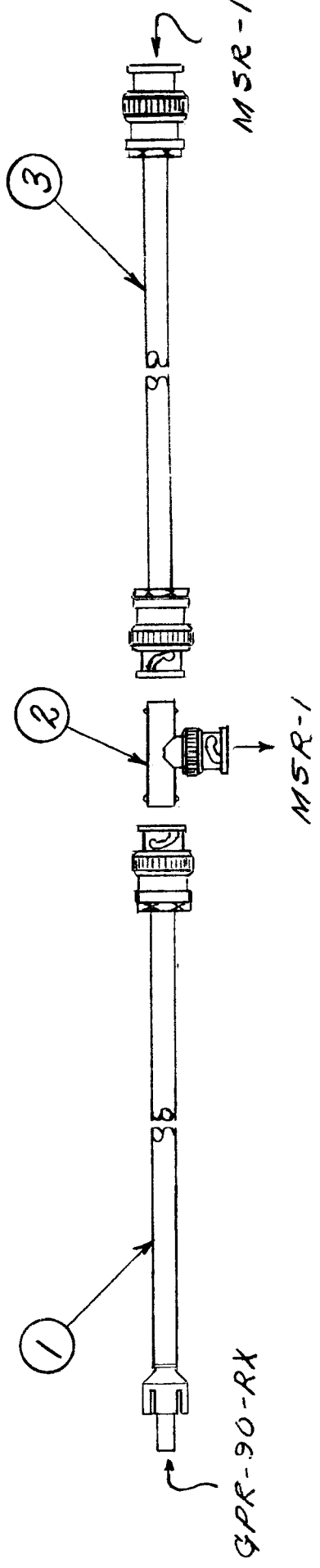
SEE TMC SPEC S-345 FOR ASS'Y

CA-368-~~S~~ - S - 25 - F
TMC No. S = QDS LENGTH - F = FEET
Series - C = INCHES

REQ. ITEM	DESCRIPTION	SYMBOL
X 3	Solder, Soft	
2	Connector, Plug, Male, Angle, QDS	
X 1	Cable, Coaxial, RF	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
CABLE ASS'Y, RF		
W/TWO PL-161		
5/14/58		
TYPE & TEMPER	HEAT TREAT. SPEC.	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.
BS-100		
PL-161		
RG-11/U		
SCALE:		
NO LONGER USED	DATE	CHECKER
NOTE ADDED	8/29/61	I.H. RU
CHANGED FROM	CH. NO.	DRAFTS
	5503	
TOLERANCES		
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		
DEC. DIM. ±		
FRAC. DIM. ±		
ANGULAR DIM. ±		
FINAL APPROVAL		CA-368
		A

REQ. PER UNIT 1	USED ON	
	MODEL CY-2416/U	DATE 5-16-58

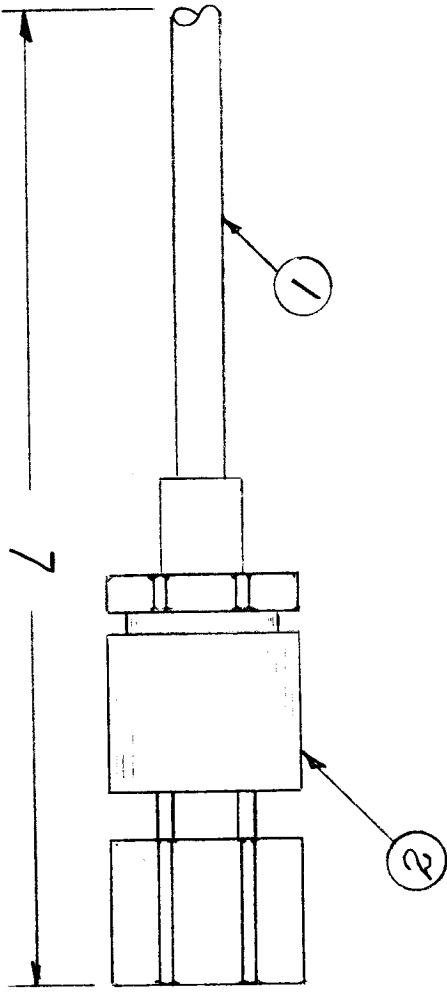
CA-371



1	3	CA-107-12	CABLE ASSY COAXIAL	SYMBOL
1	2	UG-274/U	ADAPTER, TEE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
1	1	CA-354-24	CABLE ASSY RF	CONNECTING CABLE
REQ. ITEM	PART NO.	A-1524 / CY-2416/U		
STOCK SIZE		5/16" dia		
MATERIAL		DRAWN		
TYPE & TEMPER		CHECKED		
HEAT TREAT. SPEC.		FINAL APPROVAL		
FINISH & SPEC. NO.		CA-371		

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

REQ. PER UNIT 1	MODEL ATS	USED ON ASSY. NO.	DATE 5/28/58	CA-372
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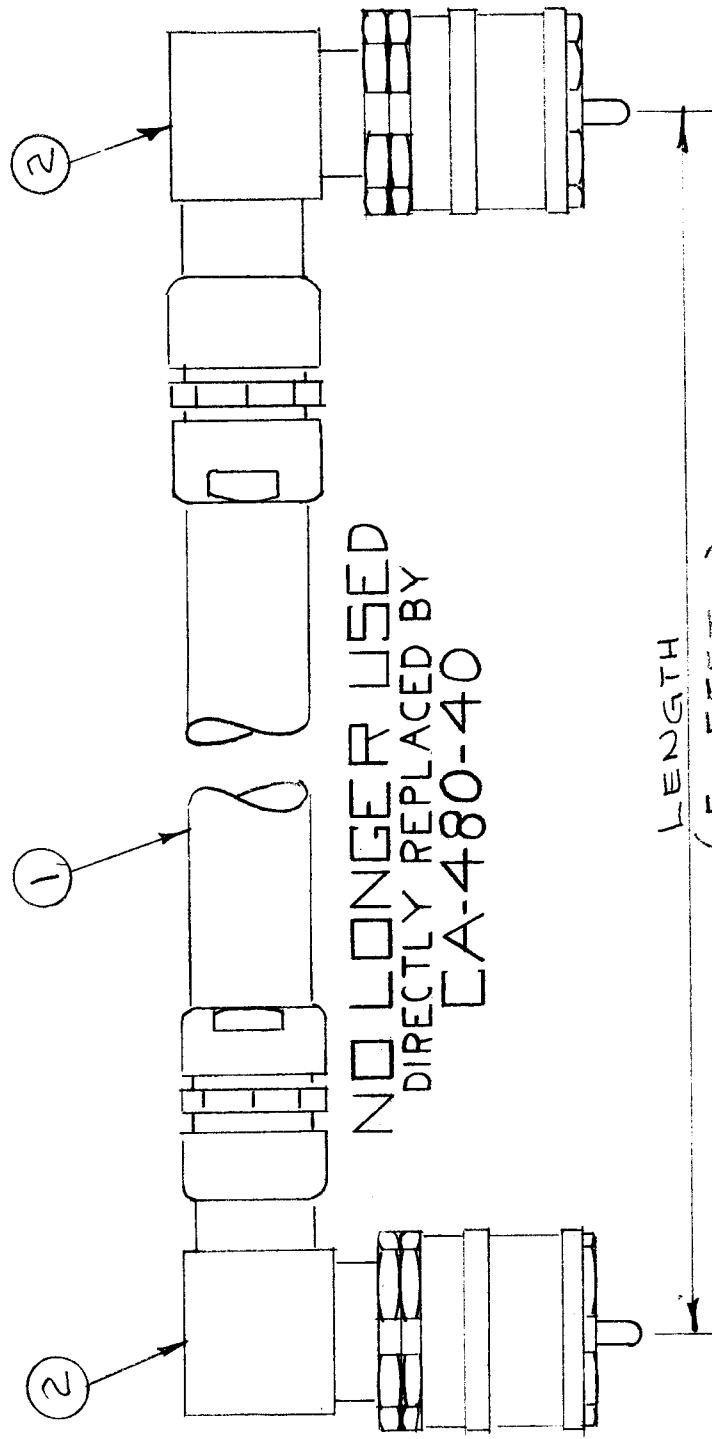


NOMENCLATURE SHALL BE IN THE FOLLOWING FORM: CA-372-XX ← LENGTH REQ. (IN INCHES)
 DWG. No. →

1	2	UG-154/U	PLUG, CONNECTOR	SYMBOL
1	1	RG-17/U	CABLE	
REQ. ITEM	PART NO.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
	STOCK SIZE	CABLE ASSY		
	MATERIAL	ATS-TU TO ANTENNA		
	TYPE & TEMPER	528/58	DRAWN	FINAL APPROVAL
	HEAT TREAT. SPEC.	CS	CHECKED	CA-372
	FINISH & SPEC. NO.	CS	ELEC. DES. APP. MECH. DES. APP.	

SCALE:
 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	CA-373 A
MODEL	ASSY. NO.	DATE
QDL SERIES		6-20-58



NO LONGER USED
DIRECTLY REPLACED BY
CA-480-40

LENGTH
(F = FEET
C = INCHES)

NOMENCLATURE SHALL BE AS SHOWN

CA-373-L-4-F
TMC DWG NO. QDL SERIES LENGTH FEET OR INCHES

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2	PL-141	CONNECTOR, PLUG, RIGHT	X
X	RG-164/U	CABLE, COAXIAL, RF	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
MATERIAL		RF PATCHING CABLE QDL SERIES	
TYPE & TEMPER		DRAWN	CHECKED
HEAT TREAT. SPEC.			
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	FINAL APPROVAL

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	NO LONGER USED NOTE ADDED	8/29/61	5503	I. I.	RU	[Signature]

SCALE:

TOLERANCES

DEC. DIM. ±

FRAC. DIM. ±

ANGULAR DIM. ±

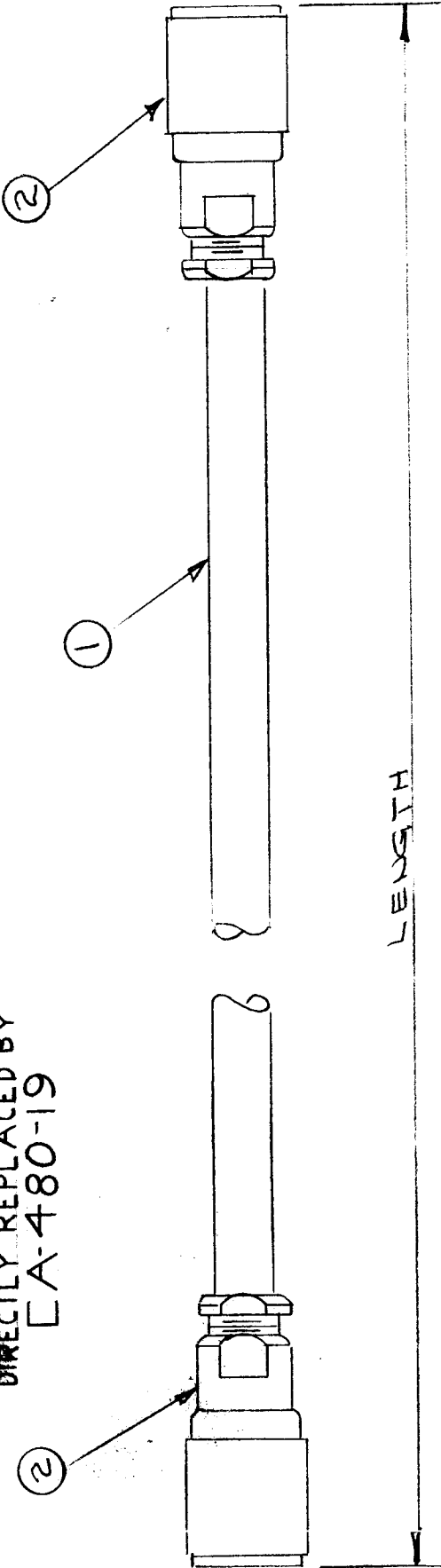
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

NO LONGER USED
DIRECTLY REPLACED BY
CA-480-19

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

CA-374

A



F = FEET
C = INCHES

NO NOMENCLATURE SHALL BE AS SHOWN

CA-374 - S - 4 - F
TMC DWG NO. QDS SERIES LENGTH FEET OR INCHES

2	2	PL-157	CONNECTOR, PLUG, QDS	SYMBOL
X	1	RG-59/U	CABLE, COAXIAL RF	
REQ. ITEM	PART NO.		DESCRIPTION	
STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL			CABLE, RF PATCHING QDS SERIES	
TYPE & TEMPER			DRAWN	CHECKED
HEAT TREAT. SPEC.			110 9/23	FINAL APPROVAL
FINISH & SPEC. NO.			ELEC. DES. APP. MECH. DES. APP.	CA-374 A

NO LONGER USED
NOTE ADDED

8/29/61 5503 A.I. RU 9MM

DATE CH. NO. DRAFTS CHECKER ENG. APP.

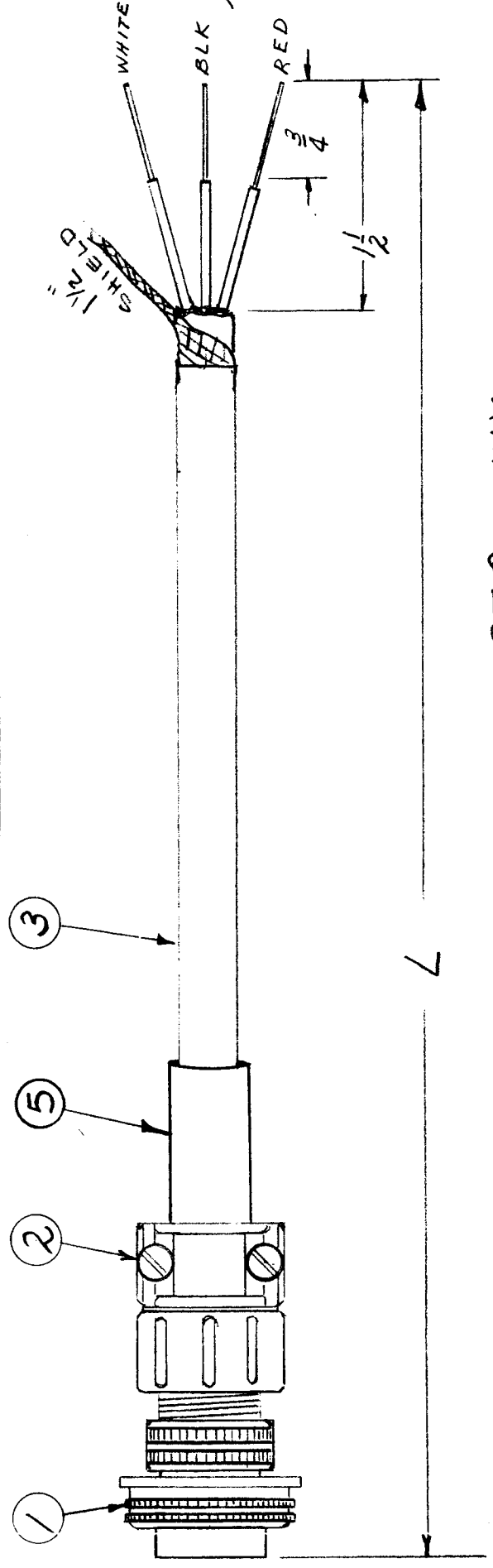
SCALE:
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

ISSUE ITEM CHANGED FROM TOLERANCES

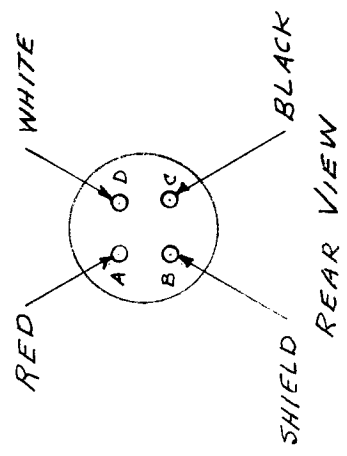
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

REQ. PER UNIT	USED ON	MODEL	DATE
1	SWR-3000PY	A-1553	6-5-53
1	SWR-10KPM		12-11-64

CA-378 A



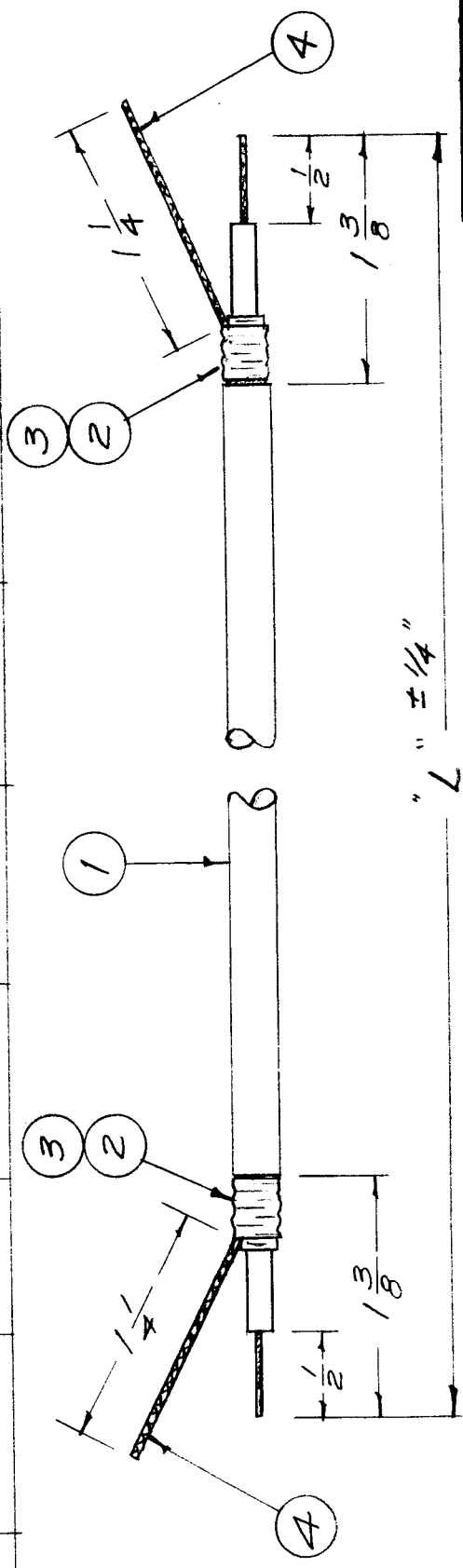
CA-378-XXX
TMC DWG No LENGTH REQ'D (IN INCHES)



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	MS3420-6A	BUSH., RUB.	
X	BS-100	SOLDER, SOFT	
X	WI-130-3-20-XX	CABLE, MULTI-CONDUCTOR SHIELDED	
1	MS3057-6	CLAMP, CABLE	
1	MS3106A-14S-2P	CONNECTOR, PLUG, MALE	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
CABLE, ASS'Y. PORTABLE METER			
MATERIAL			
CR	CR	CR	CR
TYPE & TEMPER		DRAWN	CHECKED
HEAT TREAT. SPEC.		CR	CR
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	

ISSUE	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 2	1.5.65	13218	BB	[Signature]	[Signature]
TOLERANCES					
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
DEC. DIM. ±					
FRAC. DIM. ±					
ANGULAR DIM. ±					

TMC NO.	ITEM #1 (CABLE)	TOTAL LENGTH "L"	FERRULE, INNER ITEM #2	FERRULE, OUTER ITEM #3	SHIELD ITEM #4	QUAN. PER UNIT	CONNECT FROM	USED ON	
								MODEL	DATE
CA-379-1	RG-188/L	11"	CU-101-9	CU-101-10	WL-103-1	1	C214	RFA-1	CA-379 A
CA-379-2	RG-188/L	15"	CU-101-9	CU-101-10	WL-103-1	1	C216		
CA-379-3	RG-140/L	10 1/4"	CU-101-3	CU-101-4	WL-103-3	1	J205		



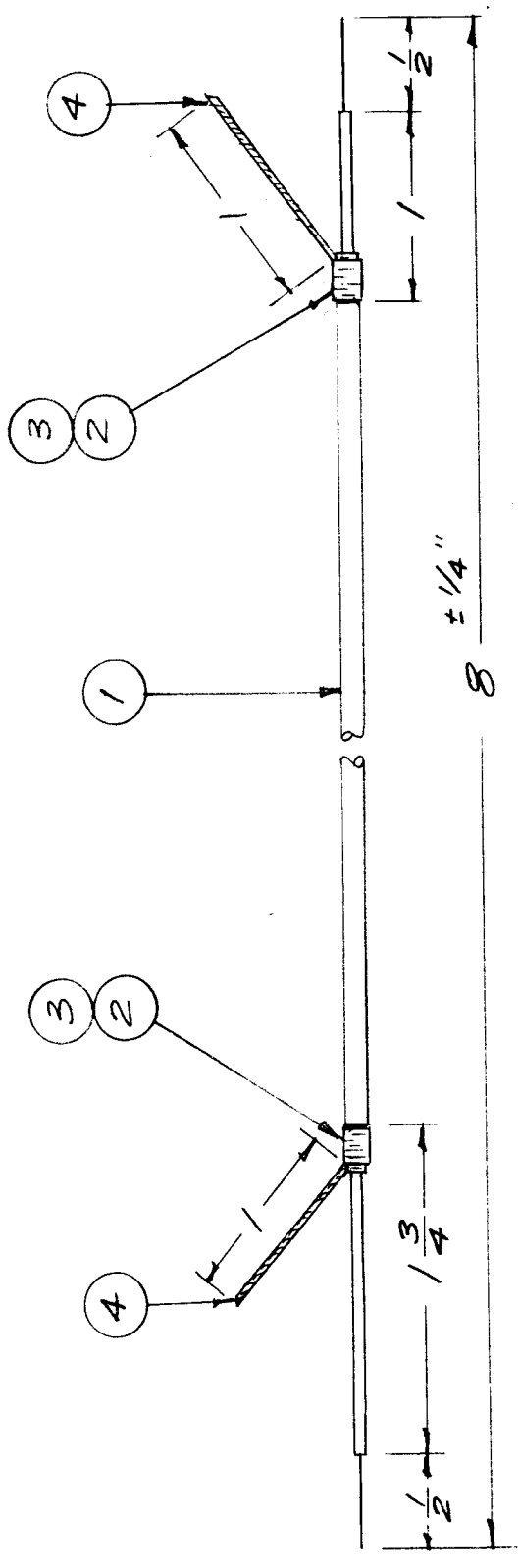
REQ. ITEM	DESCRIPTION	SYMBOL
X 4	See Chart Shield, Flexible	
2 3	See Chart Ferrule, Outer	
2 2	See Chart Ferrule, Inner	
X 1	See Chart Cable, RF, Coaxial	
REQ. ITEM	PART NO.	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
CABLE ASS'Y, RF		
STOCK SIZE		
MATERIAL		
TYPE & TEMPER	HEAT TREAT SPEC.	DRAWN
6 3/16		JDE
CHECKED		FINAL APPROVAL
		CA-379 A
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.

ISSUE ITEM CHANGED FROM DATE CH. NO. DRAFTS CHECKER ENG. APP.
 A 1 RG-188/L WAS RG-58/P 6/27/58 399 16 JDE
 RG-140/L WAS RG-57/L
 CU-101-3 & 10 WAS CU-101-10

SCALE: $\frac{1}{4}$
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
 REMOVE ALL BURRS AND SHARP EDGES

TOLERANCES
 DEC. DIM. \pm
 FRAC. DIM. \pm 1/16"
 ANGULAR DIM. \pm

REQ. PER UNIT	1	MODEL	RFA-1	USED ON	CA-380	A
ASSY. NO.		DATE	6-11-58			



To
C215

REQ. ITEM	DESCRIPTION	SYMBOL
4	Shield, Flexible	
3	Ferrule, Cable, Outer	
2	Ferrule, Cable, Inner	
1	Cable, RF, Min.	

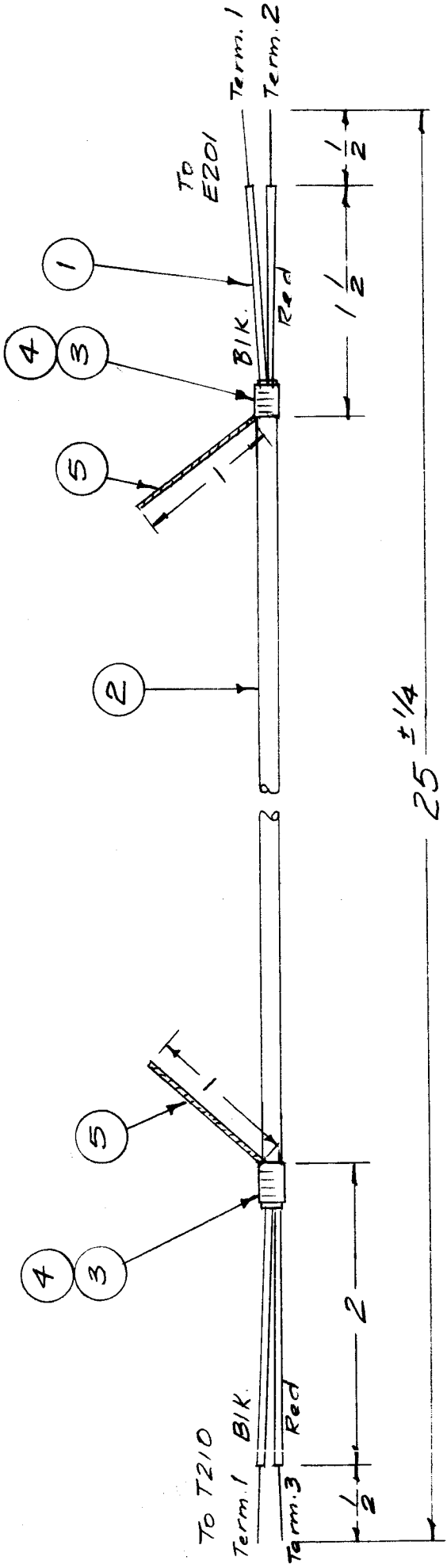
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
CABLE ASSY, RF, C215 to C233	
RG-188/U	
STOCK SIZE	
MATERIAL	
TYPE & TEMPER	HEAT TREAT. SPEC.
FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.

DEC. DIM. ±	
FRAC. DIM. ±	1/16
ANGULAR DIM. ±	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	ITEMS 2, 3, 4 ADDED	6/27/58	399	16	W.P.A.T.U.	

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

REQ. PER UNIT	1
MODEL	RFA-1
ASSY. NO.	6-11-58
DATE	6-11-58
USED ON	CA-381
	A



25 ± 1/4

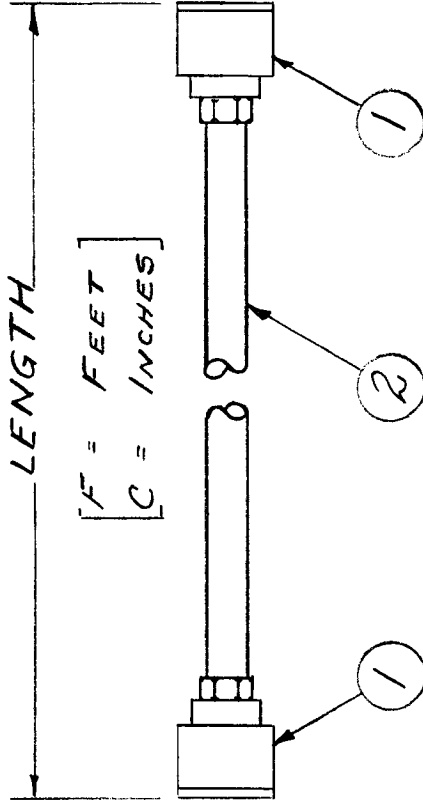
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2 3/4	WL-103-2	Shield, Flex.	
2	CU-101-2	Ferrule, Outer	
2	CU-101-1	Ferrule, Inner	
20 1/2	PX-100-1-.118	Insulation, Sleeving #9	
25	WI-101-3	Cable, Shielded, 2 Cond.	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
CABLE ASS'Y., BLOWER POWER, E201 to T210			
TYPE & TEMPER	HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
6/11/58		JMD	JMD
FINISH & SPEC. NO.		CA-381	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	ITEMS 3-4 & 5 Added	6/12/58	1	16	JMD	ATJ
TOLERANCES						
DEC. DIM. ±						
FRAC. DIM. ± 1/16						
ANGULAR DIM. ±						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						

NO LONGER USED
 DIRECTLY REPLACED BY
 CA-480-17

NOMENCLATURE TO BE AS FOLLOWS:

CA-382-4-F
 BASIC PART NO. LENGTH F: FEET C: INCHES



REQ. PER UNIT	MODEL	USED ON ASS'Y. NO.	DATE
		CA-382	A

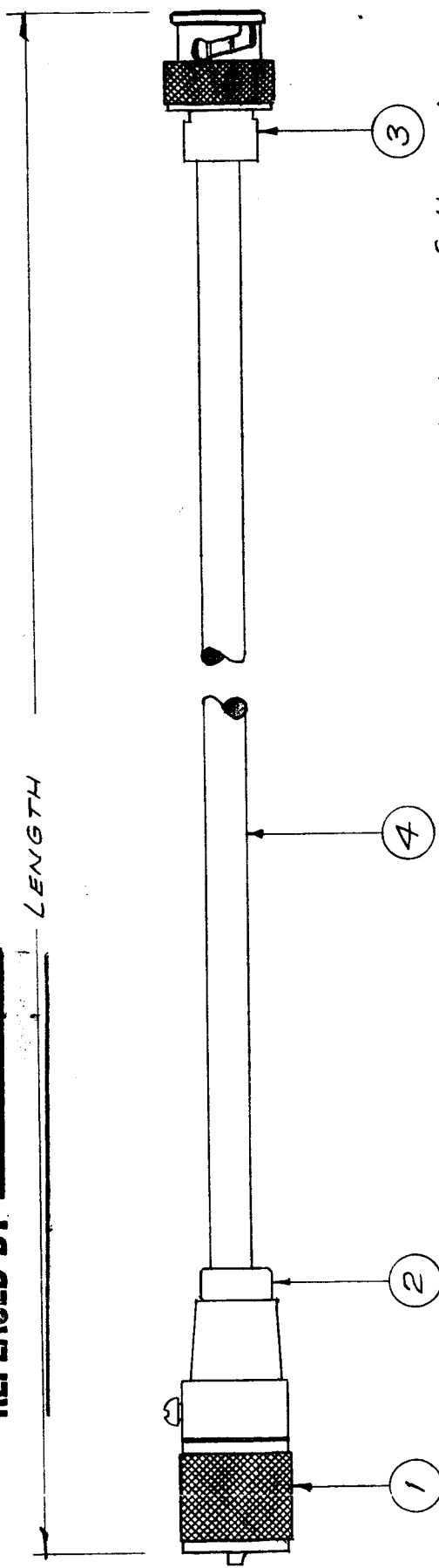
X 2	RG-8/U	CABLE R.F.	
2 1	PL-149	PLUG CONNECTOR	
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
	cto	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	cto	RF PATCHING CABLE ASSY	
	cto	GRDS	
	cto	6-20-58	
	cto	DRAWN	
	cto	CHECKED	
	cto	FINAL APPROVAL	CA-382
	cto	ELEC. DES. APP.	
	cto	MECH. DES. APP.	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	NO LONGER USED NOTE ADDED	8/29/61	5503	K.A.	RU	gmr
TOLERANCES cto						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
DEC. DIM. ±						
FRAC. DIM. ±						
ANGULAR DIM. ±						

SUPERSEDED

REPLACED BY CA 480-9

RE. PER UNIT	1 ST MODEL	USED ON	CA-383
ASSY. NO.	DATE	ASSY. NO.	DATE
			6-25-58



Type Designation to be as follows:

CA-383-XX

TMC DWG. NO.

LENGTH REQ.

C = Inches

F = Feet

Note - For Cables with lengths of 6 feet or less, Part No. will be expressed in inches, to the nearest inch.
 For Cables with lengths of More than 6 ft., Part No. will be expressed in feet, to the nearest foot.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 5	BS-100	Solder, Soft	
X 4	RG-59/U	Cable, RF	
1 3	UG-260/U	Connector, Plug, Male	
1 2	UG-176/U	Adapter, Reducer	
1 1	PL-259/A-TEF.	Connector, Plug, Male	

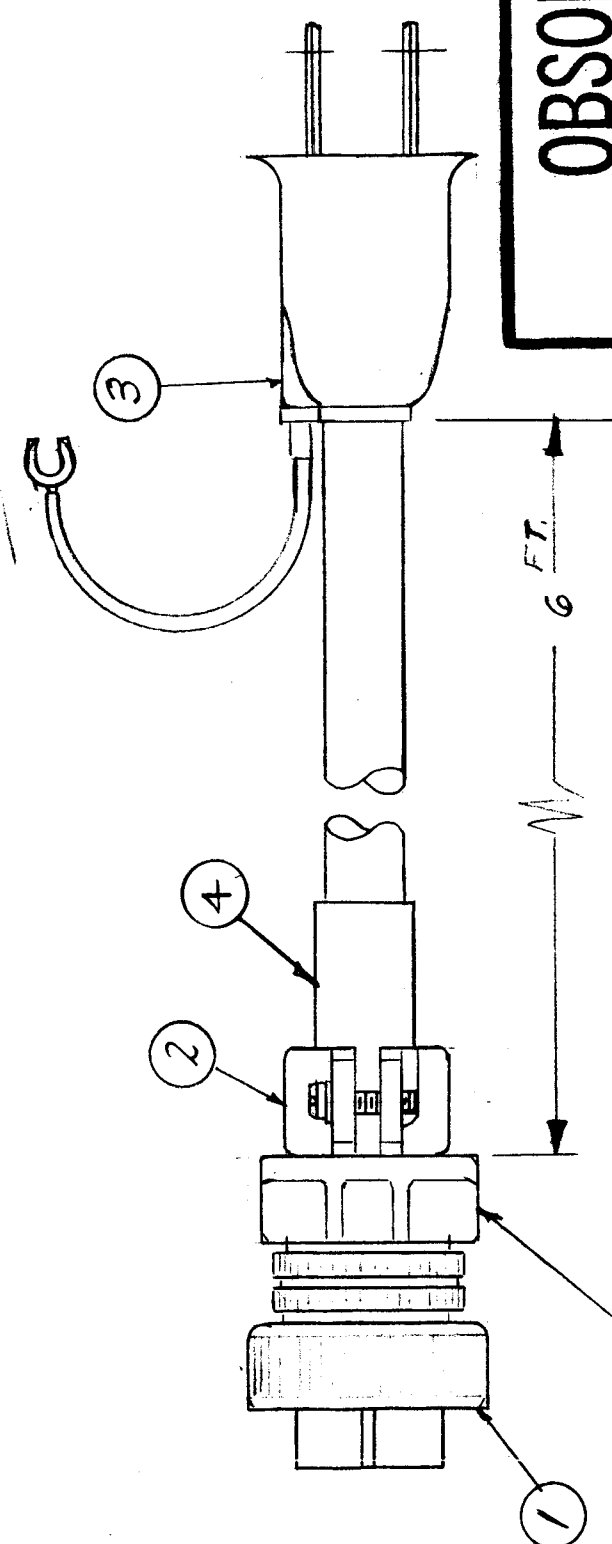
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	REPLACED BY ADDED CA 480-9	12/65	14909	REV.	QCB	MMH

TOLERANCES		SCALE: Full
DEC. DIM. ±	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.	
FRAC. DIM. ± 1"	REMOVE ALL BURRS AND SHARP EDGES	
ANGULAR DIM. ±		

TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		16 5/25/58	WJD	A. J. J.
STOCK SIZE		THE TECHNICAL MATERIEL CORP. NEW YORK		
MATERIAL		CABLE ASSY, R.F.		
FINISH & SPEC. NO.		CA-383		

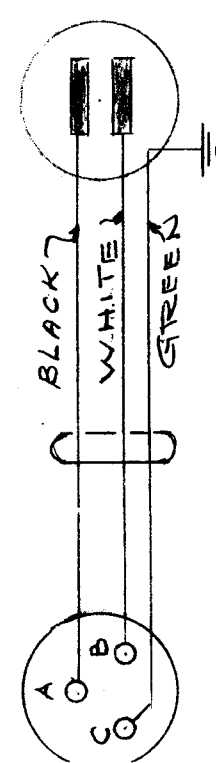
CA-385 C

USED ON UNIT	MODEL	DATE
1	MSR-4	8-19-58



OBSOLETE
 USE FOR SPARE ONLY
 REPLACED BY CA1079
 EMN #13757
 3-24-65
 P. S. ...

AN3057-8



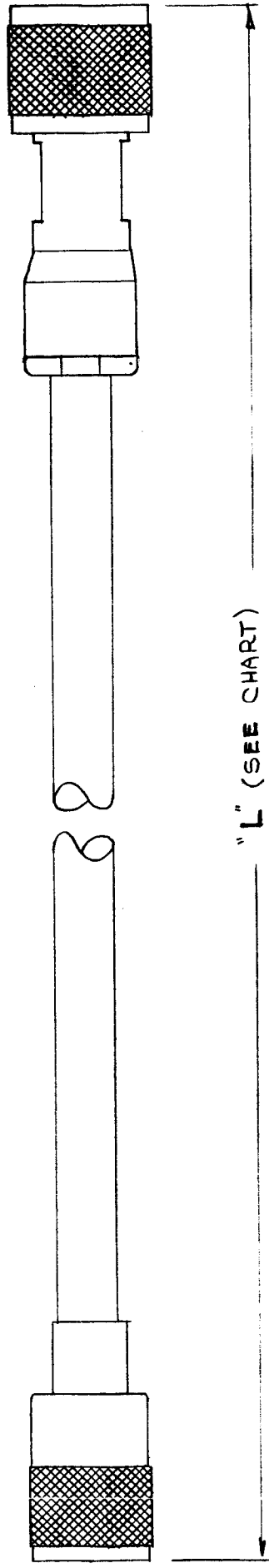
1	4	RY-125-1	BUSHING, RUBBER	SYMBOL
1	3	CA-387	CABLE, A.C.	
1	2	MS3057-8	CABLE CLAMP	
1	1	MS3106A-165-55	CONNECTOR	P2
REQ. ITEM		PART NO.	DESCRIPTION	
		MS	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE	A.C. POWER CABLE	
		MATERIAL	3 WIRE MSR-4	
		TYPE & TEMPER	6-19-58	
		HEAT TREAT. SPEC.	DRAWN	
		FINISH & SPEC. N.	CHECKED	
			FINAL APPROVAL	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	OBSOLETE NOTE ADDED	3-24-65	13757			
B	IT.4 WAS MS-3420-6A	11-5-64	12784			
A	ITEM 4 WAS RY-125-1	9-4-62	7172			
TOLERANCES						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REM VE ALL BURRS AND SHARP EDGES						
SCALE: <i>MS</i>						
FINISH & SPEC. N. <i>MSR-4</i>						
ELEC. DES. APP. MECH. DES. APP. <i>P. J. K. MS</i>						

CA-385 C

CA-386 D

REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
	SEE CHART		



"L" (SEE CHART)

OBSOLETE - REPLACED BY CA480-120-16
 OBSOLETE - REPLACED BY CA480-120-22

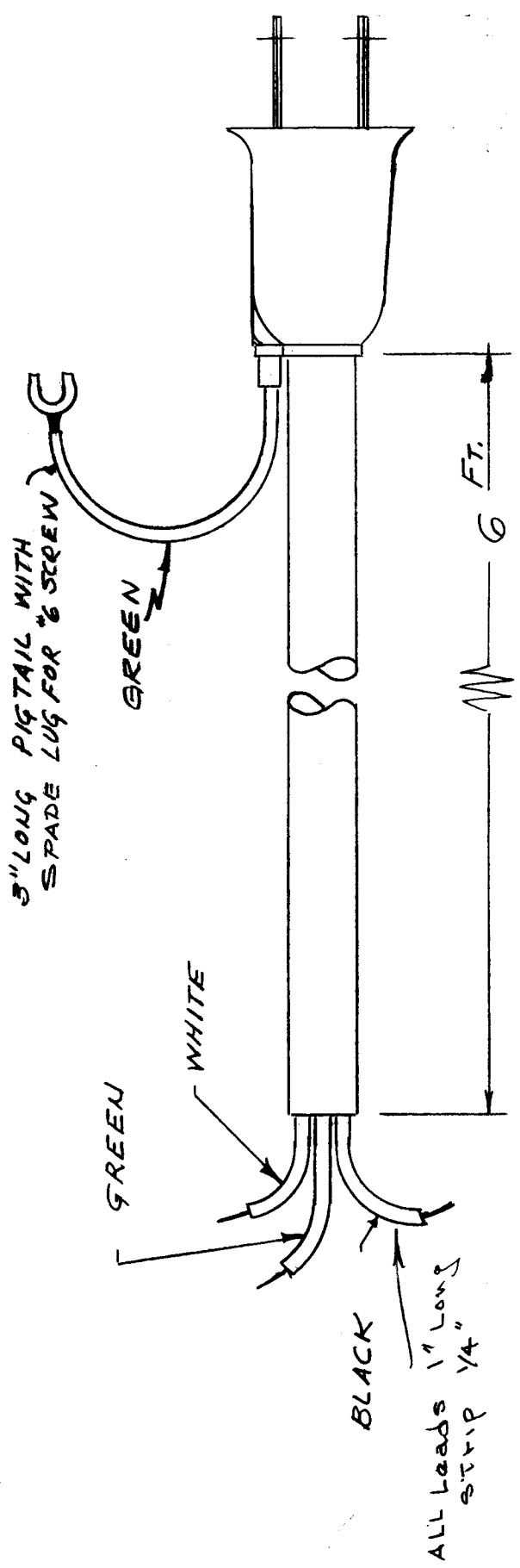
TMC PART NO.	ITEM 3	DIM "L"	USED ON MODEL
CA-386-1	RG-11/U	16	TRL-1/170- Ω
CA-386-2	RG-8/U	16	TRL-2/30- Ω
CA-386-3	RG-8/U	22	TRL-3/50- Ω
CA-386-4	RG-11/U	22	TRL-4/170- Ω

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 4	BS-100	Solder, Soft	
X 3	SEE CHART	Cable, Coaxial	
1 2	UG-59B/U	Connector, Plug	
1 1	PL-259A TEF	Connector, Plug	

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
CABLE ASSY, UHF	
STOCK SIZE	
MATERIAL	
TYPE & TEMPER	HEAT TREAT. SPEC.
FINISH & SPEC. NO.	
DRAWN	CHECKED
DATE: 16 9/16/58	SIGNATURE: [Signature]
ELEC. DES. APP. MECH. DES. APP.	FINAL APPROVAL
	CA-386 D

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D 1	-3F-4 OBSOLETED REPR. #	"24.65	15252	X.V.V.	[Signature]	[Signature]
C	ERROR USE REVISION "D"					
B 1	ADDED "L" DIM. WAS 16"	6/3/60	2406	CA	[Signature]	[Signature]
A 1	ADDED - 2	8/27/58	1	MC	[Signature]	[Signature]
TOLERANCES						
SCALE: 1/2"						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
DEC. DIM. \pm						
FRAC. DIM. \pm						
ANGULAR DIM. \pm						

REQ. PER UNIT	MODEL	USED ON	DATE
	MSR-4	ASSY. NO.	
		CA-387	A



OBSOLETE
 THIS ITEM NO LONGER
 MANUFACTURED, USE
 CA 751-2

NOTE: THREE CONDUCTOR #16/30 RUBBER COVERED
 COLOR CODED GROUND LEAD, 6 FT.
 PLUG MOLDED ON CABLE.

REX. GENERAL INSULATED WIRE WORKS INC.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
	CAO	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	CAO	CABLE, A.C.	
	CAO	MATERIAL	
	CAO	STOCK SIZE	
	CAO	HEAT TREAT. SPEC.	
	CAO	FINISH & SPEC. NO.	
	CAO	TYPE & TEMPER	
	CAO	8-19-58	
	CAO	DRAWN	
	CAO	CHECKED	
	CAO	FINAL APPR. VAL	
	CAO	ELEC. DES. APP.	
	CAO	MECH. DES. APP.	
	CAO	CA-387	A

ISSUE ITEM A
CHANGED FROM
OBSELETE NOTE
ADDED
 DATE: 4-19-67
 CH. NO.: 1809
 DRAFTS: LAK
 CHECKER: [Signature]
 ENG. APP.: [Signature]
TOLERANCES
 DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

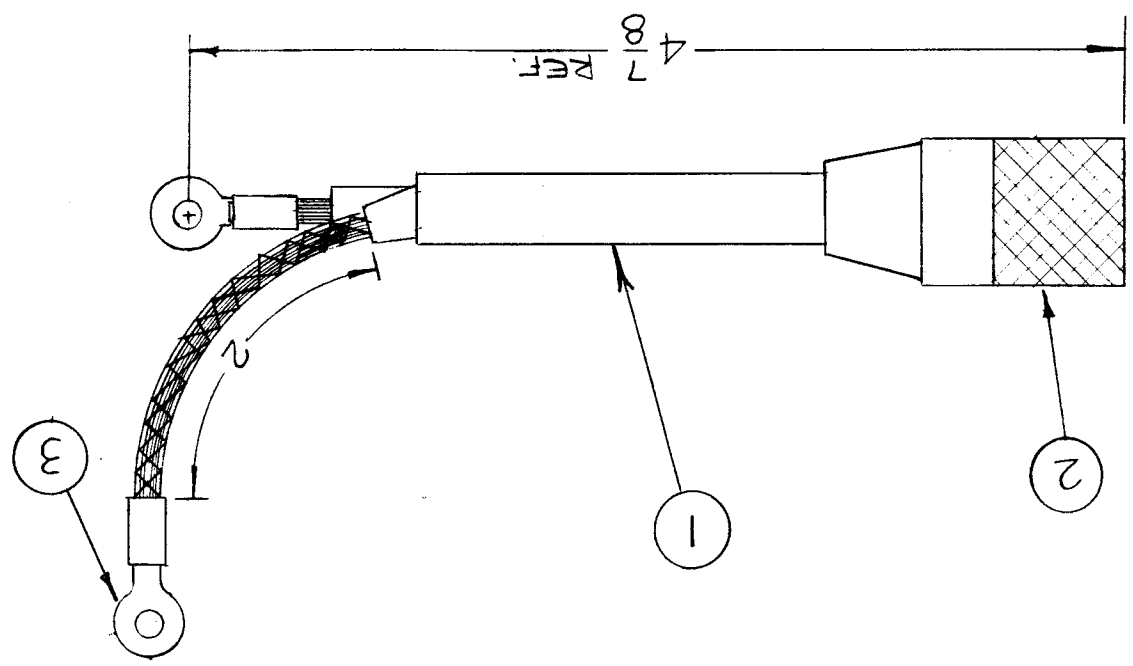
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SCALE: 1:1
 SHEET 1 OF 1
 DWG NO. CA1388
 CODE IDENT. NO. 82679
 SIZE A
 ISSUE

DATE: 9-27-67	DATE: 10-6-67	DATE: 10/7/67	DATE: 10/7/67	DATE: 10/16/67	DATE: 10/16/67
DRAWN: J. N. ...	CHECKED: J. N. ...	ELECT. DES.:	MECH. DES.:	FINAL APPROVAL: F. B. ...	DATE: 10/16/67
S401-451			FINISH		
MATERIAL			DECIMALS: .005, .01, .05, .1, .164, 1/64, FRACTIONS		

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	1	RG 11/U	CABLE RF COAXIAL	
	2	PL 259A	CONN, PL, UHF	
	3	TE 159-32960	TERM LUG, INS	
X	4	BS100	SOLDER, TIN ALLOY	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

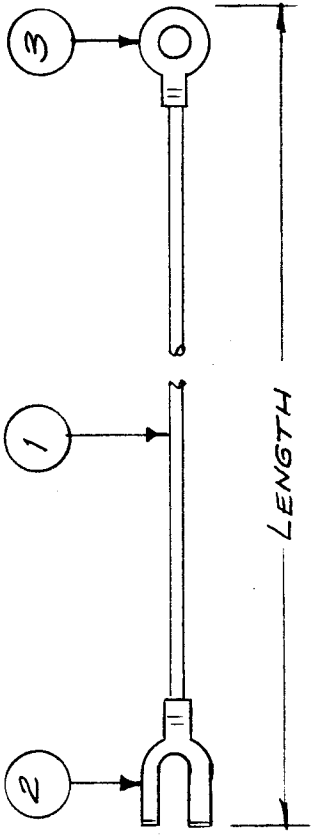


APPLICATION		REVISIONS							
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD	APPD
1	LPA-2		X	EXP RELEASE	9-27-67				
				ORIG RELEASE FOR PROD	10-9-67				

ITEM NO. 1	CHART
PART N.O.	COLOR CODE
MWC22(7)U 0	Black
1	Brown
2	Red
3	Org.
4	Yell.
5	Green
6	Blue
7	Violet
8	Grey
9	White

REQ. PER UNIT	MODEL	USED ON ASS'Y. NO.	DATE
	MSR-4		

CA-390



TYPE Designation to be as follows:

CA-390-4-3.0

TMC DWG NO.

COLOR DESIRED (See Chart)

LENGTH DESIRED (Express in inches, to the nearest half inch)

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Property of:
THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK

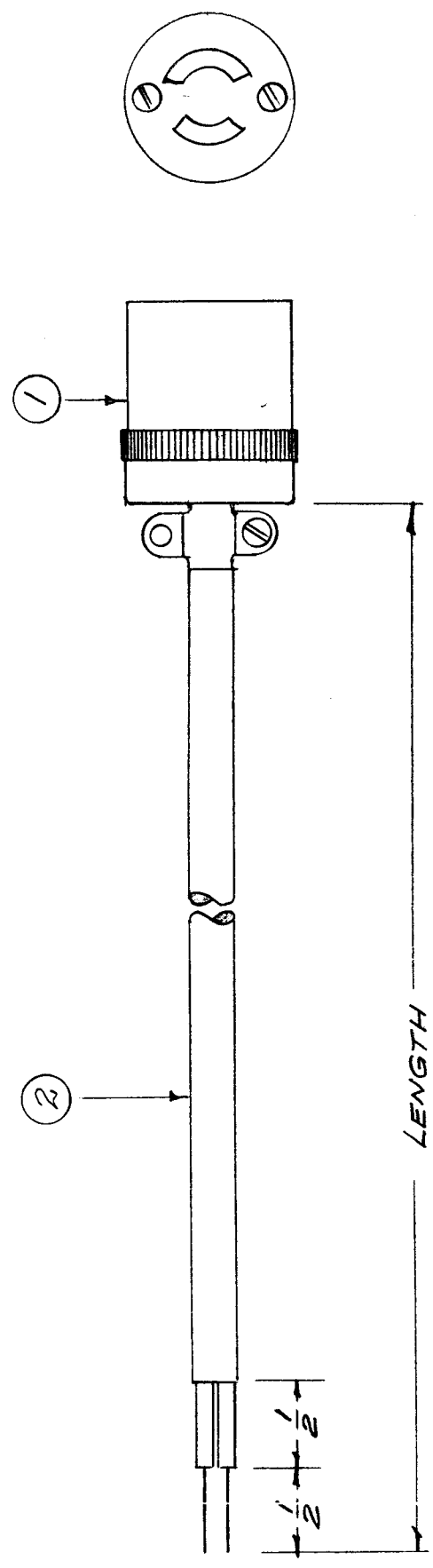
1	3	TE-165-31577	Terminal, Solderless (For #50)
1	2	TE-120-2	Lug, Spade (For #50)
X	1	See Chart	Cable, Insulated (For #50)
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE	
		MATERIAL	
		CABLE ASS'Y., JUMPER	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		16/15/58	Jwe
		PJK	
			FINAL APPROVAL
			CA-390
		FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.

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

REQ. PER UNIT	MODEL	USED ON	DATE
	RTX-2	ASSY. NO.	
1	RTS-2	CA-392	10-1-58
1		CA-455	

CA-391

A



Type Designation as follows:

CA-391 - 25

LENGTH DESIRED
(in inches, to the nearest inch)

TMC DWG. NO.

X	B	WI-132	CABLE A.C.	
1	1	PL-100	PLUG, FEMALE TWIST LOCK	
REQ. ITEM		PART NO.	DESCRIPTION	SYMBOL
		STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		MATERIAL	CABLE, POWER, AC, TWIST LOCK	
		TYPE & TEMPER	HEAT TREAT. SPEC.	CHECKED
				DRAWN
				10/1/58
				FINAL APPROVAL
				CA-391
				A

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	ITEMS GIVEN TMC P.T. NOS	10/1/58				
TOLERANCES						
SCALE:						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
DEC. DIM. ±						
FRAC. DIM. ±						
ANGULAR DIM. ±						