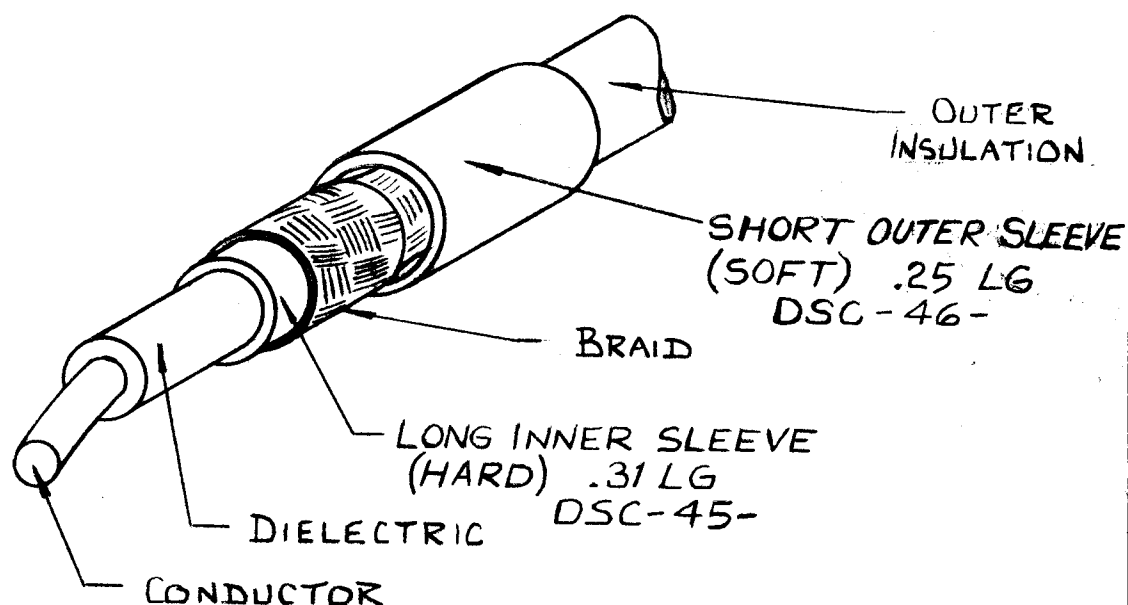
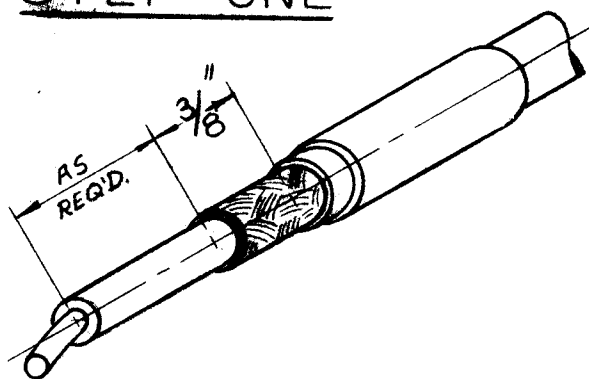


STANDARDS SHEET



METHOD OF INSTALLATION

STEP ONE



STRIP OUTER INSULATION TO PROPER LENGTH, SLIP ON OUTER SLEEVE.

TRIM BRAID TO WITHIN $\frac{3}{8}$ " OF OUTER INSULATION.

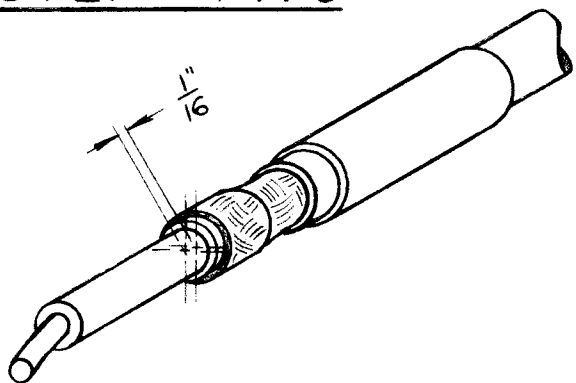
DRAWN	S. SCHRIETNER	CLASSIFICATION	STANDARD
CHECKED	W.H. McKEOWN	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED			
APPROVED	B.C. BEAHEY		

SAS. [Signature]

FMC 71267

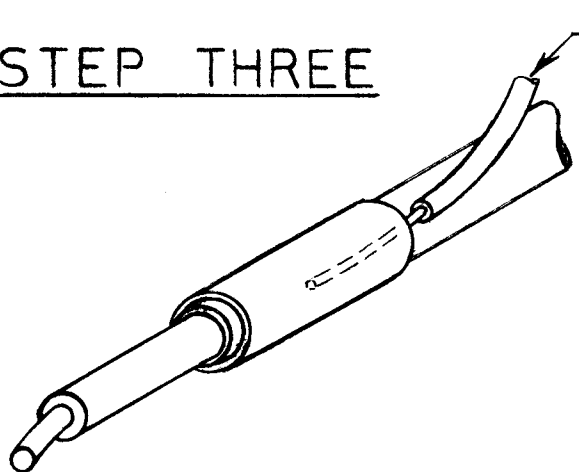


STANDARDS SHEET

STEP TWO

FAN BRAID BY ROTATING
CENTRE CONDUCTOR.

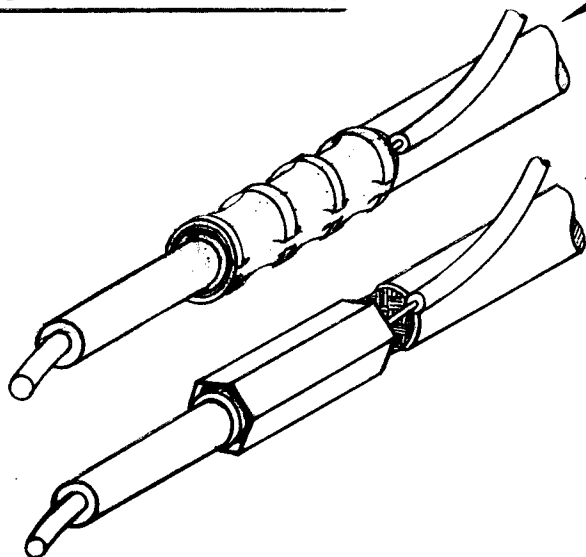
SLIP INNER SLEEVE (DSC-45-) UNDER
THE BRAID, LEAVING $\frac{1}{16}$ "
EXPOSED.

STEP THREE

MS25190-A-20 WIRE (TYP)

SLIP GROUND LEAD (AN20 WIRE)
UNDER OUTER SLEEVE (FRONT
OR REAR)

SLIDE OUTER SLEEVE (DSC-46) OVER
ALL EXPOSED BRAID & GROUND
CONDUCTOR.

STEP FOUR

BURNDY CRIMP (REF)

T & B CRIMP (REF)

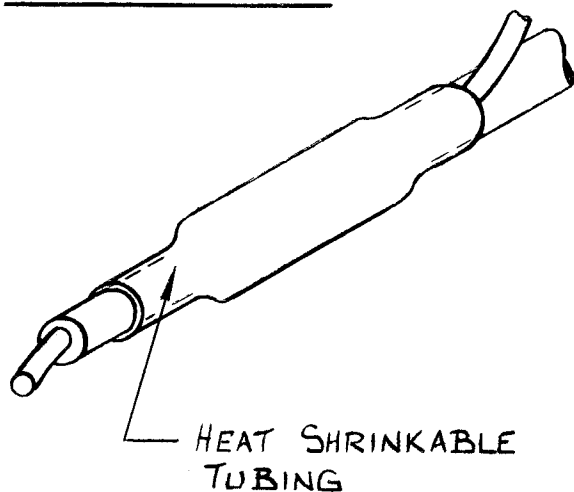
COMPRESS WITH SPECIFIED
TOOL. SEE TABLE 4 ON PAGE 8

FOR RECD INNER SLEEVES (DSC-45-)
& OUTER SLEEVES (DSC-46) SEE
TABLES 1, 2 & 3 ON PAGES 5 TO 7

DRAWN	S. SCHRATNER	CLASSIFICATION	STANDARD
CHECKED	W. H. McKEOWN	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED			
APPROVED	B. C. BEASLEY		



STANDARDS SHEET

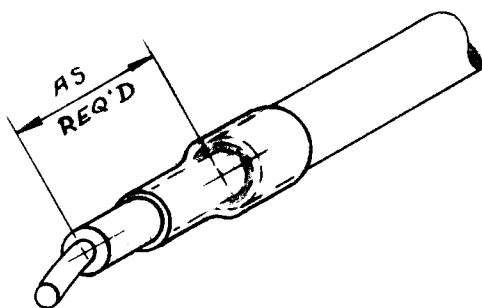
STEP FIVE

INSTALL CLEAR HEAT
SHRINKABLE TUBING OVER
COMPLETE ASSEMBLY.

FOR SIZE REQD SEE
TABLE 1 COL. A ON PAGE 5

SPECIAL CASE

NO GROUND LEAD REQD



STRIP OUTER INSULATION
TO REQUIRED LENGTH &
TRIM BRAID EVEN WITH OUTER
INSULATION.

INSTALL CLEAR HEAT
SHRINKABLE TUBING OVER
TERMINATION OF OUTER
INSULATION.

FOR SIZE REQD SEE
TABLE 1 COL. B ON PAGE 5

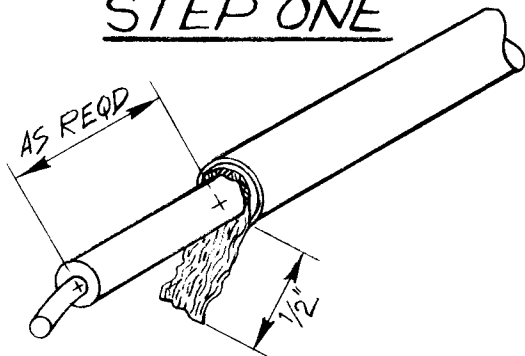
DRAWN	S. SCHRATNER	CLASSIFICATION	STANDARD
CHECKED	W. MCKEOWN	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED			
APPROVED	B. C. BEASLEY		



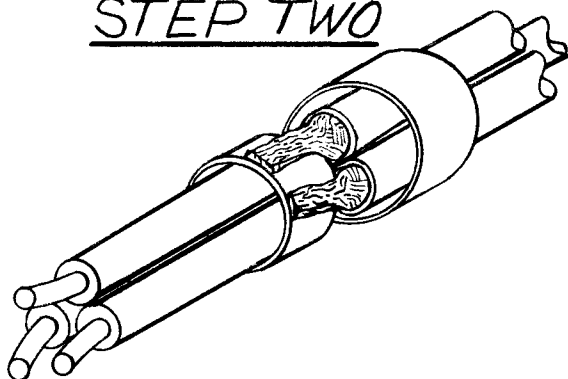
STANDARDS SHEET

MULTIPLE SHIELD TERMINATION

(USING ONE PAIR OF FERRULES)

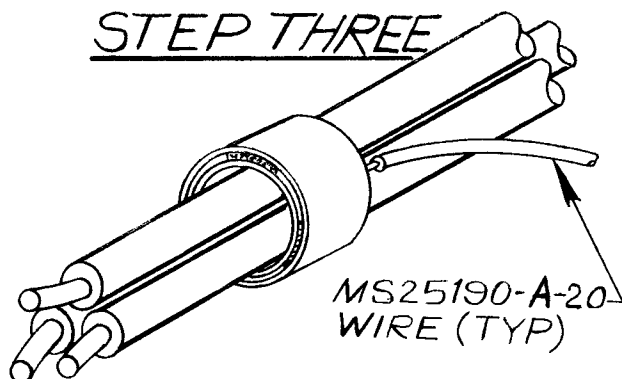
STEP ONE

PREPARE ENDS OF WIRES AS SHOWN IN PPS 9.04 SECT 4.7
SMOOTH OUT BRAID AS THIN AS POSSIBLE.

STEP TWO

HOLD WIRES IN A TIGHT BUNDLE & SLIP OUTER SLEEVE OVER THE BUNDLE

POSITION INNER SLEEVE (DSC-45) UNDER THE BRAID 'TAILS'

STEP THREE

SLIDE OUTER SLEEVE (DSC-46) OVER THE INNER SLEEVE - WITH THE BRAID 'TAILS' EVENLY DISTRIBUTED

SLIDE GROUND LEAD (AN 20 WIRE) BETWEEN THE SLEEVES
COMPRESS WITH SPECIFIED TOOL & TRIM EXCESS BRAID

SEE PAGES 5 TO 8, TABLES 1 TO 4 FOR TOOLS & SLEEVES

STEP FOUR

INSTALL CLEAR HEAT SHRINKABLE TUBE OVER COMPLETE ASSEMBLY

FOR SIZE REQD SEE TABLES 1 TO 3 ON PAGES 5, 6 & 7

DRAWN	A. MIED	CLASSIFICATION	STANDARD
CHECKED	W.H. McKEOWN	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED			
APPROVED	B. C. BEASLEY		

973 - 1000

FMC 71867



STANDARDS SHEET

SINGLE & MULTIPLE CONDUCTOR UNDER A COMMON SHIELD

TABLE NO 1

DESCRIPTION OF CABLE		INNER SLEEVE	OUTER SLEEVE	INSULATING SLEEVE	
SPECIFICATION AND TYPE	MS-25313 DASH NUMBER	DSC-45 DASH NUMBER	DSC-46 DASH NUMBER	CSP-220 DASH NUMBER	
				A	B
SHIELDED SINGLE CONDUCTOR MIL-C-7078 TYPE II	- A - 221	- 5	- 3	- 9 - 3	- 9 - 3
	- A - 201	- 6	- 4	- 11 - 3	- 9 - 3
	- A - 181	- 8	- 4	- 11 - 3	- 9 - 3
	- A - 161	- 9	- 5	- 11 - 3	- 9 - 3
SHIELDED TWO CONDUCTOR MIL-C-7078 TYPE II	- A - 222	- 16	- 12	- 11 - 3	- 11 - 3
	- A - 202	- 18	- 13	- 13 - 3	- 11 - 3
	- A - 182	- 20	- 14	- 13 - 3	- 13 - 3
	- A - 162	- 22	- 16	- 13 - 3	- 13 - 3
SHIELDED THREE CONDUCTOR MIL-C-7078 TYPE II	- A - 223	- 16	- 12	- 11 - 3	- 11 - 3
	- A - 203	- 18	- 13	- 13 - 3	- 11 - 3

◀ USE COLUMN "A" WHEN SLEEVES ARE FITTED & COLUMN "B" WHEN NOT FITTED.

DRAWN	SFGUNG MAY 64	CLASSIFICATION	STANDARD
CHECKED		SHIELDED CABLE TERMINATION	DS-55
STRESSED			
APPROVED			

FMC 71867



STANDARDS SHEET

MULTIPLE GROUPS OF EQUAL SIZE INDIVIDUALLY SHIELDED CONDUCTORS

TABLE NO 2

DESCRIPTION OF GROUPS NUMBER OF CABLES	MS-25313 DASH NUMBER	INNER SLEEVE DSC-45 DASH NUMBER	OUTER SLEEVE DSC-46 DASH NUMBER	INSULATING SLEEVE CSP-220 DASH NUMBER	
2	- A - 221	- 16	- 12	- 11 - 3	
	- A - 201	- 18	- 13	- 13 - 3	
	- A - 181	- 19	- 13	- 13 - 3	
	- A - 161	- 22	- 16	- 13 - 3	
3	- A - 221	- 16	- 12	- 11 - 3	
	- A - 201	- 18	- 13	- 13 - 3	
	- A - 181	- 20	- 14	- 13 - 3	
	- A - 161	- 22	- 17	- 13 - 3	
4	- A - 221	- 18	- 14	- 13 - 3	
	- A - 201	- 20	- 16	- 13 - 3	
	- A - 181	- 23	- 18	- 13 - 3	
	- A - 161	- 26	- 21	- 13 - 3	
5	- A - 221	- 20	- 17	- 13 - 3	
	- A - 201	- 22	- 19	- 13 - 3	
	- A - 181	- 26	- 21	- 13 - 3	
6	- A - 221	- 22	- 19	- 13 - 3	
	- A - 204	- 25	- 21	- 13 - 3	
7	- A - 221	- 23	- 20	- 13 - 3	
	- A - 201	- 26	- 22	- 13 - 3	

DRAWN - JFGUNG - MAY 64

CLASSIFICATION

STANDARD

CHECKED

STRESSED

APPROVED

SHIELDED CABLE TERMINATION

DS-55

FMC 71867



STANDARDS SHEET

MULTIPLE GROUPS OF MULTIPLE CONDUCTOR AND SINGLE OR MULTIPLE
CONDUCTOR SHIELDED CABLES

TABLE NO 3

DESCRIPTION OF GROUP			INNER SLEEVE	OUTER SLEEVE	INSULATING SLEEVE	
NUMBER OF CABLES	CONSISTING OF	MS-25313 DASH NUMBER	DSC-45 DASH NUMBER	DSC-46 DASH NUMBER	CSP-220 DASH NUMBER	
2	1	- A - 221	- 17	- 12	- 11 - 3	
	1	- A - 222	- 17	- 12	- 11 - 3	
3	2	- A - 221	- 19	- 16	- 13 - 3	
	1	- A - 222	- 19	- 16	- 13 - 3	
4	3	- A - 221	- 21	- 18	- 13 - 3	
	1	- A - 222	- 21	- 18	- 13 - 3	
2	2	- A - 222	- 19	- 16	- 13 - 3	
2	2	- A - 223	- 23	- 19	- 13 - 3	
2	2	- A - 203	- 26	- 22	- 13 - 3	

REVISED &
REDRAWN
MAY 64
A

McKEOWN
S.S.

DRAWN - SEEUNG MAY 64

CLASSIFICATION

STANDARD

CHECKED

STRESSED

APPROVED

SHIELDED CABLE TERMINATION

DS-55

FMC 71867

A. MIED.

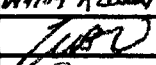
STANDARDS SHEET

TABLE 4

INSTALLATION TOOLS

OUTER SLEEVE DH PART NO	INSTALLATION HAND TOOLS		①
	T & B	BURNDY*	
DSC-46-3	WT 201	MR8PV-15	
-4	WT 202	MR8PV-15	
-5	WT 203	MR8PV-15	
-12	WT 210	MR8PV-2	
-13	WT 211	MR8PV-2	
-14	WT 212		
-16	WT 214		
-17	WT 214	MR8PV-2	
-18	WT 215	MR8PV-3	
-19	WT 216		
-20	WT 217	MR8PV-115	
-21	WT 221		
-22	WT 222	MR8PV-7	
① COLLINS 372-2519-040	WT 408	BUCHANAN 612763	

① * UNLESS OTHERWISE SPECIFIED

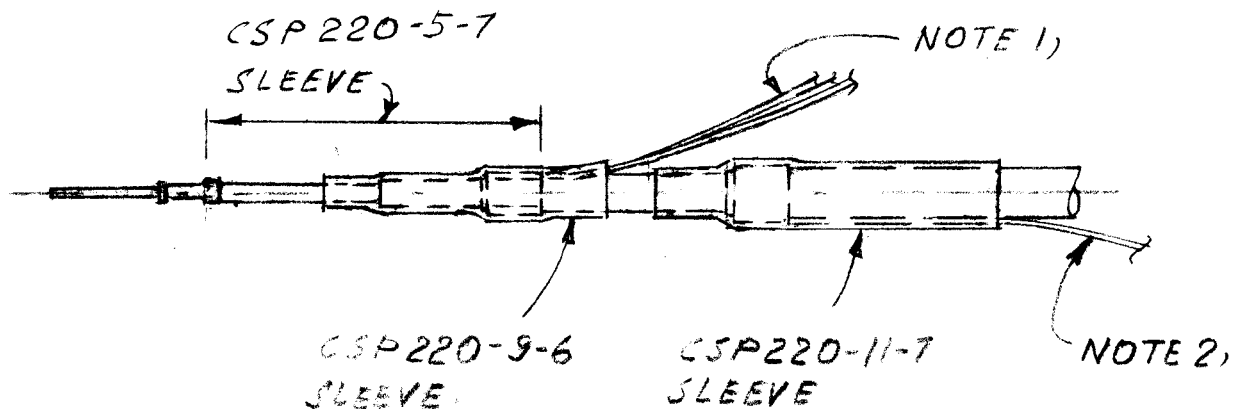
DRAWN	A. MIED	CLASSIFICATION	STANDARD
CHECKED	WH. MCKENZIE	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED			
APPROVED	B. C. BRADLEY		

EMC 71867

ISS. A
26-1-82
STELZER
SS. B

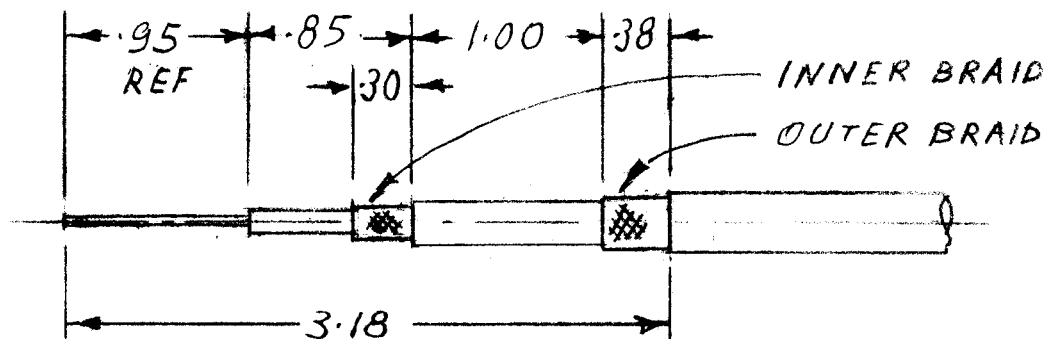


STANDARDS SHEET

TERMINATION ASSY, TRIAX CABLE (TRF 58), MS CONNECTOR:

NOTE 1: RETURN WIRES TO INNER SHIELD.

NOTE 2: RETURN WIRE TO OUTER SHIELD

PREPARATION, CABLE ASSY, TRIAX (TRF 58), MS CONNECTOR:1, TRIMMING:

NOTE: — TRIM & INSTL. SLEEVES (REF. DETAIL, NEXT PAGE)
ON OUTER BRAID BEFORE STARTING ON INNER BRAID.

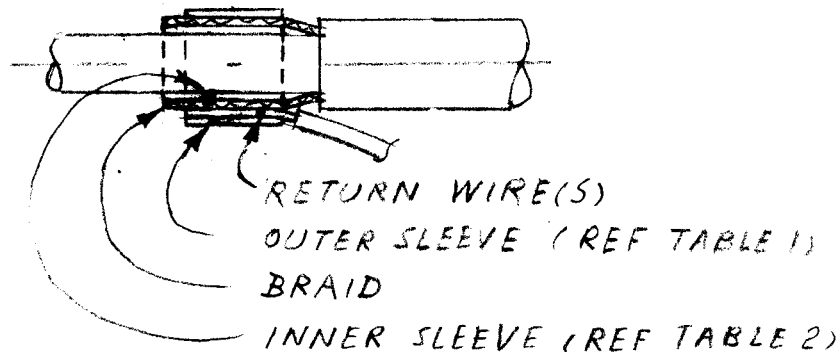
OVER

DRAWN	STELZER	CLASSIFICATION	STANDARD
CHECKED	B. BEASLEY	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED	TRV		
APPROVED	SCOTT WILK		

SDS PLP 28-1-82



STANDARDS SHEET

2) INSTL SLEEVES:

TWICE FULL SCALE

NOTE: — FAN BRAID BY ROTATING CENTRE CONDUCTOR,
SLIP INNER SLEEVE UNDER THE BRAID,
SLIP RETURN WIRE(S) UNDER OUTER SLEEVE.
SLIDE OUTER SLEEVE OVER ALL EXPOSED BRAID & RETURN WIRE(S)
COMPRESS WITH SPECIFIED TOOL (SEE TABLE 4 ON PAGE 8)

TABLE 1 (OUTER SLEEVES):

LOCATION	DH PART NO.
OUTER BRAID	DSC 46-13
INNER BRAID	DSC 46-12

TABLE 2 (INNER SLEEVES):

LOCATION	DH PART NO.
OUTER BRAID	DSC 45-18
INNER BRAID	DSC 45-16

3) INSTL HEATSHRINKABLE TUBING:

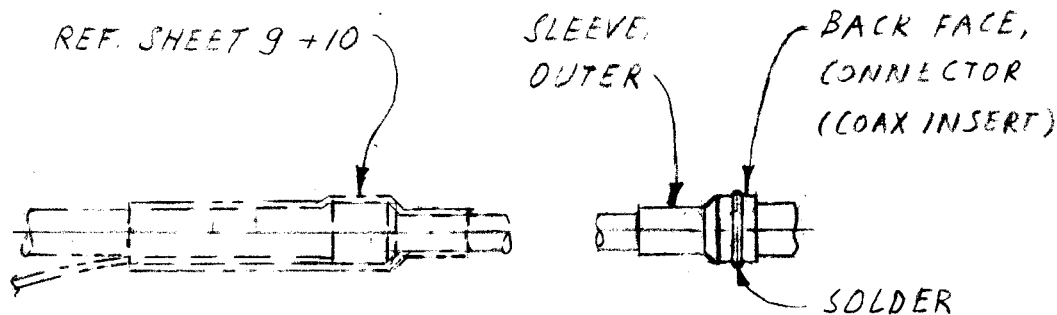
SLEEVE REQ'MTS, REF ASSY, PREVIOUS PAGE. INSTL TO P.P.S. 10.16

DRAWN	STELZER	CLASSIFICATION	STANDARD
CHECKED	B.C. BEASLEY	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
STDS RCP 28.1.82			



STANDARDS SHEET

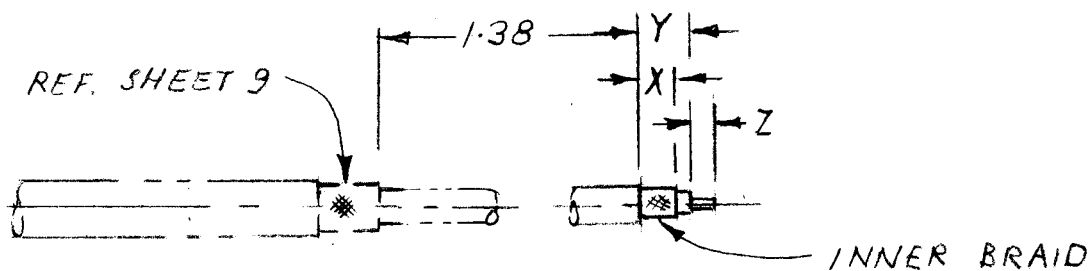
TERMINATION ASSY, TRIAX CABLE (TRF-58), COAX INSERT (COLLINS 372-2519-040):



NOTE: — SLEEVES, OUTER + INNER (REF DETAIL, NEXT PAGE) COME WITH COAX INSERT (COLLINS 372-2519-040), & ALL OF THEM ARE PART OF MOD KIT (COLLINS 621-9848-1).

PREPARATION, CABLE ASSY, TRIAX (TRF-58), COAX INSERT (COLLINS 372-2519-040):

1) TRIMMING:



NOTE: — TRIM WIRE TO DIMENSIONS, REF. TABLE.
DO NOT NICK BRAID.

LOCATION	DIMENSION
Y	.244 / .224
X	.197 / .177
Z	.119 / .099

DRAWN	STELZER	CLASSIFICATION	STANDARD
CHECKED	B.L. BEASLEY	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED	MAZ		
APPROVED	SCHENKEL		

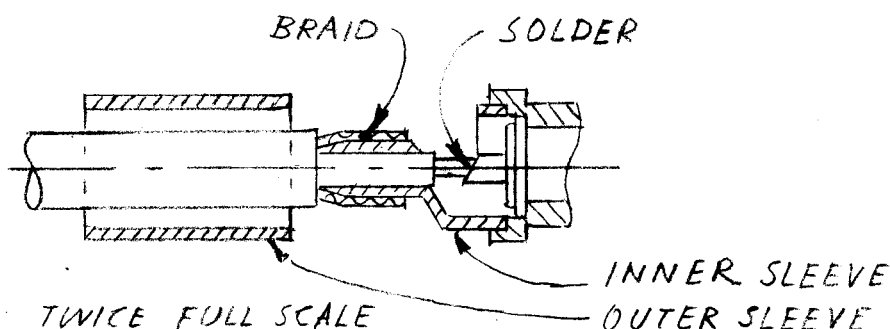
SBS NCP 28.1.82



STANDARDS SHEET

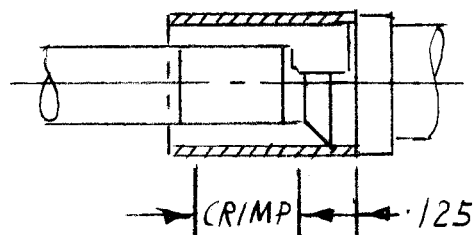
2) INSTL. SLEEVES:

A)



NOTE: — SLIDE OUTER SLEEVE OF COAX FITTING OVER INNER JACKET WITH LARGEST END FACING END OF CABLE AS SHOWN. INSERT TRIMMED CABLE (DIELECTRIC & CENTRE CONDUCTOR) INTO INSIDE DIAMETER OF INNER SLEEVE. THE INNER SLEEVE SHALL SLIDE BETWEEN THE CABLE DIELECTRIC & BRAID AS SHOWN. SLIDE THE CABLE IN, UNTIL THE CABLE CENTRE CONNECTOR BOTTOMS IN THE CONNECTOR SOLDER CUP. THE CABLE BRAID SHALL NOT EXTEND BEYOND THE INNER SLEEVE. SOLDER CENTRE CONNECTION USING MINIMUM AMOUNT OF HEAT. DO NOT USE EXCESSIVE AMOUNT OF SOLDER. SMOOTH BRAID OVER INNER SLEEVE.

B)



TWICE FULL SCALE

NOTE: — SLIDE OUTER SLEEVE OVER COAX BRAID UNTIL IT BUTTS AGAINST BACK FACE OF CONNECTOR. CRIMP OUTER SLEEVE ON BRAID AS SHOWN. TOOLS PER TABLE 4, PAGE 8 SOLDER OUTER SLEEVE TO CONNECTOR.

DRAWN	STEIZER	CLASSIFICATION	STANDARD
CHECKED	B.L. BEASLEY	SHIELDED CABLE TERMINATIONS	DS 55
STRESSED	<i>LRV</i>		
APPROVED	SCHREIBER		

SDS 711 28.1.82