

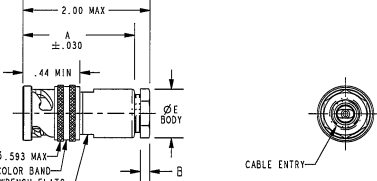
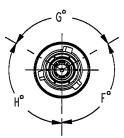
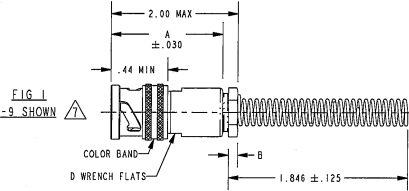
DASH NO	CABLES ACCOMMODATED	A DIM	B DIM	C FLATS	D FLATS	E DIA	ASSEMBLY PER
-7	TRC-1	1.135	.096	.438	.438	.500	TAI-189
-8	8R27, BELDEN	1.716	.130	.625	.688	.750	TAI-103
-9	TRC-1F2, TRC-2	1.135	.096	.438			TAI-102
-10	TRC-1, TRC-2, TRC-1F2, TRC-2F2				.438	.500	TAI-102
-11	TRC-1, TRC-2, TRC-1F2, TRC-2F2						TAI-103
-12	TRC-1, TRC-2, TRC-1F2, TRC-2F2, GENERAL	1.716	.130	.625	.688	.750	TAI-128
-13	TRC-59, TIMES						TAI-129
-13A	8R27, BELDEN						TAI-165
-14	8R27, BELDEN						TAI-129
-23	250-3804, MICRODOT						TAI-189
-24	222-3534, MICRODOT						TAI-102
-24A	9530A5117, RAYCHEM						TAI-189
-25	T-43M, GENERAL						TAI-102
-25A	5021H5331, RAYCHEM						TAI-189
-26	7028A5518, RAYCHEM						TAI-102
-27	TRC-1, TRC-2, TRC-1F2, TRC-2F2, TRC-59, TIMES	1.135	.096	.438	.438	.500	TAI-102
-29	TWC-78-1/TWC-124-1A						TAI-102
-30	TRC-1, TRC-2, TRC-1F2, TRC-2F2						TAI-189
-32	TRC-50-1						TAI-102
-33	TRC-75-1						TAI-189
-42	21-704, 1361, 1468, CONDUCTIMATED						TAI-102
-43	250-3804, MICRODOT						TAI-102
-45	40750-2402114, 150-10P, STAMAND						TAI-102
-46	9860, BELDEN	1.716	.130	.625	.688	.750	TAI-103
-47	M17173-00002	1.135	.096	.438	.438	.500	TAI-102
-49	TWAC-78-1F2	1.716	.130	.625	.688	.750	TAI-103
-54	8R207, BELDEN						TAI-102
-55	8R272, BELDEN						TAI-189
-56	6C8756C1, GRUMMAN						TAI-102
-57	6C8756B1, GRUMMAN						TAI-102
-58	6C8756A4V, GRUMMAN	1.135	.096	.438	.438	.500	TAI-189
-59	6C8756L1, GRUMMAN						TAI-189
-60	M17173, THERMATICS 380-1045, 3021MS						TAI-189
-64	7528A5314, RAYCHEM						TAI-189

MILITARY PART NO (PIN)	MILITARY CABLE PART NO	TROMPETER PART NO. (REF ONLY)
M49142/03-0001	M17134-00001	M310-0002-7
M49142/03-0101	M17134-00001	M310-0002-7
M49142/03-0201	M17134-00001	M310-0002-7
M49142/03-0002	M17134-00002	M310-0002-7
M49142/03-0102	M17134-00002	M310-0002-7
M49142/03-0202	M17134-00002	M310-0002-7
M49142/03-0007	M1745-R6308	M310-0002-9
M49142/03-0107	M1745-R6308	M310-0002-9
M49142/03-0207	M1745-R6308	M310-0002-9
M49142/03-0008	M17176-00002	M310-0002-47
M49142/03-0108	M17176-00002	M310-0002-47
M49142/03-0208	M17176-00002	M310-0002-47
M49142/03-0009	M17177-00002	M310-0002-60
M49142/03-0109	M17177-00002	M310-0002-60
M49142/03-0209	M17177-00002	M310-0002-60

REV	DESCRIPTION	DATE	APPROVED
BP	REVISED PER ECO 14779	11-5-02	W/h

KEYING LETTER	F DEGREES	G DEGREES	H DEGREES	COLOR BAND
NONE	120°	120°	120°	NONE
T	100°	150°	110°	RED
U	120°	130°	110°	ORANGE
V	115°	130°	115°	YELLOW
W	125°	110°	125°	GREEN
X	130°	100°	130°	BLUE
Y	110°	140°	110°	VIOLET
Z	100°	160°	100°	GRAY
S	135°	135°	90°	WHITE

DASH NO	ENTRY DIA	DASH NO	ENTRY DIA
-7	.274	-30	.235
-8	.345	-32	.191
-9	.285	-33	.217
-10	.455	-42	.300
-11	.345	-43	.200
-12	.485	-45	.183
-13	.362	-46	.475
-13A	.352	-47	.164
-14	.510	-49	.132
-23	.183	-54	.323
-24	.191	-55	.250
-24A	.200	-56	.191
-25	.285	-57	
-25A		-58	
-26	.183	-59	.198
-27	.145	-60	.217
-29	.191	-64	.183



RED INDICATES ORIGINAL

6. EXAMPLE OF COMPLETE MODEL NO:  
 BASIC MODEL NO → PL75 T-47  
 POLARIZATION LETTER → NONE REOD FOR STD POLARIZATION (SEE TABLE 3)  
 DASH NO (CABLE GROUP, TABLE 1) →
5. EXAMPLE OF COMPLETE PART NO:  
 BASIC MODEL NO → 310-0002 T-47  
 POLARIZATION LETTER → NONE REOD FOR STD POLARIZATION (SEE TABLE 3)  
 DASH NO (CABLE GROUP, TABLE 1) →
4. CLAMP NUT OMITTED
3. CONCENTRIC TWINAX/TRIAX 3-LUG TRB CABLE PLUG
2. FINISH: TFS-1A (NICKEL)
1. ALL DIM ARE IN INCHES
- NOTES: UNLESS OTHERWISE SPECIFIED.

8. WHEN CONNECTOR IS SUPPLIED TO MILITARY PART NO. (SEE TABLE 2):
- ALL PARTS NORMALLY PLATED TFS-1A OR TFS-1U (NICKEL) ARE TO BE PLATED TFS-1M (SILVER)
  - MARK PART WITH MILITARY PIN (SEE TABLE 2) AND "14949"
  - QUALITY CONFORMANCE INSPECTION SHALL BE PER MIL-C-49142 SECTION 4.5
9. IF BEND RELIEF SPRING REOD (SEE FIG 1) ADD SUFFIX "BR" TO MODEL NO (NOT AVAILABLE WITH CABLE GROUPS -8, -10, -11, -12, -13, -13A, -14, -46, & -54)

MODEL NO	DASH NO/CABLE GROUP																
PL75 (TWINAX)	-8	-9	-A9	-10	-11	-12	-24	-25	-27	-29	-30	-45	-46	-47	-49	-54	-55
PL75 (TRIAX)	-7	-13	-13A	-14	-23	-24A	-25A	-26	-32	-33	-42	-43	-56	-57	-59	-60	-64
PL75 (QUADRAX)	-58																

INTERPRET DRAWING PER MIL-STD-100 DIMENSIONS ARE IN INCHES AND INCLUDE FINISH TOLERANCES UNLESS OTHERWISE SPECIFIED	TOL: UNLESS SPECIFIED .010 ± .010 .015 ± .010 .020 ± .010 .030 ± .010 .040 ± .010 .050 ± .010 .060 ± .010 .070 ± .010 .080 ± .010 .090 ± .010 .100 ± .010 .125 ± .010 .150 ± .010 .175 ± .010 .200 ± .010 .250 ± .010 .300 ± .010 .375 ± .010 .450 ± .010 .500 ± .010 .625 ± .010 .750 ± .010 .875 ± .010 1.000 ± .010 1.250 ± .010 1.500 ± .010 1.750 ± .010 2.000 ± .010 2.500 ± .010 3.000 ± .010 3.750 ± .010 4.500 ± .010 5.000 ± .010 6.250 ± .010 7.500 ± .010 8.750 ± .010 10.000 ± .010	TROMPETER ELECTRONICS, INC.
DRAWN: AAH 11-4-02	MATERIAL: 11-4-02	TITLE: PL75/T/U/V/W/X/Y/Z/S/BR
QUALITY: 11-5-02	FINISH: 11-5-02	REV: BP
APPROVED: W/h 11/5/02	SEE NOTE: 11/4/02	SCALE: 1/1
PROBE FILE NO: 310-0002	DO NOT SCALE DWG	DRAWING NO: 310-0002
SEE SHT 3		DATE: 1/12/66
NEXT ASSY		SHEET: 1C