RED INDICATES ORIGINAL

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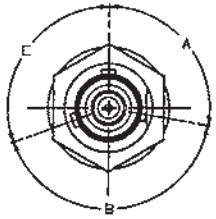
REVISIONS			3-0018	SH 1
REV	ECO	DESCRIPTION	DWN / APPROVED	DATE
AJ	11485	FOR CHANGES SEE ECO	AAH / Bm / FG	1/19/96

TABLE 1

DASH NO	CABLES ACCOMMODATED	ASSEMBLE PER
-7	TRC-50-2/TRC-75-2	TAI-189
-9	TWC-78-2/TWC-124-2	TAI-102
-23	250-3884, MICRODOT	TAI-189
-24	202-3934, MICRODOT	TAI-102
-24A	9530A5117, RAYCHEM	TAI-189
-25	T-434, GENERAL	TAI-102
-25A	5021H5331, RAYCHEM	TAI-188
-26	7028A5518, RAYCHEM	
-27	202-3927, MICRODOT	TAI-102
-29	TWC-78-1/TWC-124-1A	
-30	751A, W.E.CO./8441, BELDEN	
-32	TRC-50-1	TAI-189
-33	TRC-75-1	
-42	21-204, ESSEX 4463, CONSOLIDATED	
-43	250-4044/250-4045 283-3930, MICRODOT	
-45	M27500-22TE2T14 1100-66F, STANDARD	TAI-102
-47	M17/176-00002	
-49	TWAC-78-1F2	
-55	89272, BELDEN	
-58	GC875GC1, GRUMMAN	TAI-189
-57	GC875G81, GRUMMAN	
-58	GC875TM24H, GRUMMAN	TAI-102
-59	GC875LN1, GRUMMAN	
-60	M17/177, THERMATICS 380-10045, BOEING	TAI-189
-64	7528A5314, RAYCHEM	

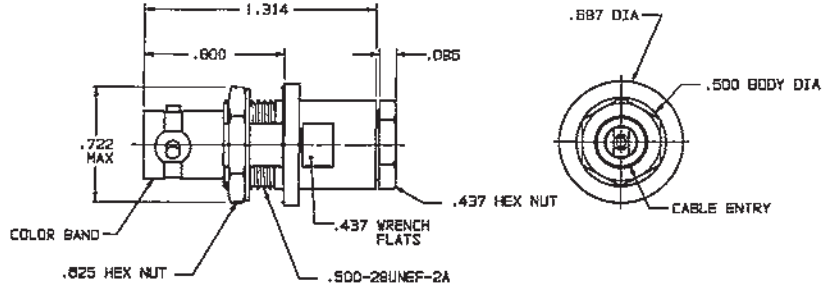
TABLE 3
POLARIZATION CHART

KEYING LETTER	A DEGREES	B DEGREES	C 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



-7 SHOWN

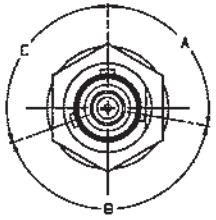
FIG 1



INCH	MM
.005	0.13
.096	2.44
.125	3.18
.132	3.35
.145	3.68
.160	4.06
.164	4.17
.189	4.85
.191	4.85
.198	5.03
.200	5.08
.217	5.51
.218	5.54
.221	5.61
.235	5.97
.250	6.35
.274	6.96
.285	7.24
.300	7.62
.437	11.10
.500	12.70
.505	12.83
.510	12.95
.625	15.88
.687	17.45
.722	18.34
.800	20.32
1.314	33.38
1.845	46.88

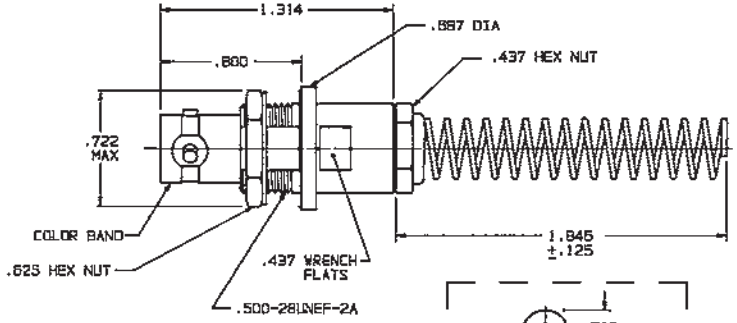
TABLE 2 (6)

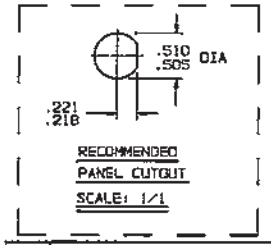
MILITARY PART NO (PIN)	MILITARY CABLE PART NO	TROMPETER PART NO (REF ONLY) (6)
M49142/05-0001	M17/134-00001	M3-0018-7
M49142/05-0101	M17/134-00001	M3-0018Y-7
M49142/05-0201	M17/134-00001	M3-0018S-7
M49142/05-0002	M17/134-00002	M3-0018-7
M49142/05-0102	M17/134-00002	M3-0018Y-7
M49142/05-0202	M17/134-00002	M3-0018S-7
M49142/05-0007	M17/45-RG108	M3-0018-9
M49142/05-0107	M17/45-RG108	M3-0018Y-9
M49142/05-0207	M17/45-RG108	M3-0018S-9
M49142/05-0008	M17/176-00002	M3-0018-47
M49142/05-0108	M17/176-00002	M3-0018Y-47
M49142/05-0208	M17/176-00002	M3-0018S-47
M49142/05-0009	M17/177-00001	M3-0018-60
M49142/05-0109	M17/177-00001	M3-0018Y-60
M49142/05-0209	M17/177-00001	M3-0018S-60



-7 SHOWN

FIG 2 (5)





CABLE ENTRY			
DASH NO	DIA	DASH NO	DIA
-7	.274	-33	.217
-9	.285	-42	.300
-23	.183	-43	.200
-24	.191	-45	.183
-24A	.200	-47	.164
-25	.285	-49	.132
-25A	.285	-55	.250
-26	.189	-56	.191
-27	.145	-57	
-28	.191	-58	.198
-30	.235	-59	
-32	.191	-60	.217

(6) WHEN CONNECTOR IS SUPPLIED TO MILITARY PART NO (SEE TABLE 2):

a) ALL PARTS NORMALLY PLATED TFS-1A OR TFS-1U (NICKEL) ARE TO BE PLATED TFS-1M (SILVER)

b) MARK PART WITH MILITARY PIN (SEE TABLE 2) AND "14949"

c) QUALITY CONFORMANCE INSPECTION SHALL BE PER MIL-C-49142 SECTION 4.5

(5) IF BEND RELIEF SPRING REQD ADD SUFFIX "BR" TO MODEL NO (SEE FIG 2)

4. CONCENTRIC TWINAX/TRIAX TR8 BULKHEAD MOUNT CABLE RECEPTACLE
3. MAX PANEL THK .160
2. FINISH: TFS-1A (NICKEL) (6)
1. ALL DIM ARE IN INCHES

7. EXAMPLE OF COMPLETE MODEL NO:

8J79 T-7

8J79 — BASIC MODEL NO; T — POLARIZATION LETTER (SEE TABLE 3); -7 — DASH NO

QTY	DESCRIPTION	PART NUMBER	ITEM
305-0522			
305-0521			
305-0458			
305-0404			
305-0382			
205-0030			
NEXT ASSY			
305-0575			
305-0534			
210-0003			

TOL UNLESS SPECIFIED .XX ± .005, .XXX ± , .XXXX ANGLES ±

TROMPETER RF connectivity

8J79/T/V/W/X/Y/Z/S/BR

DWN	AAH	1-13-86	MATERIAL	CODE IDENT	DRAWING NO.	REV
CHK	Bm	1-18-96		14949	3-0018	AJ
ENGR						
APPR	FG	1/19/96	SCALE 2/1	DATE 4/13/87	SHEET 1 OF 2	

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