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| REVISONS | | 3-0043 | SH 1 |
|----------|-----------------------|--------|---------------------------|
| REV | DESCRIPTION | DWN | APPROVED |
| W | REVISED PER ECD 16419 | L.M. | <i>mmc</i> <i>8/22/80</i> |

| DASH NO | CABLES ACCOMMODATED | A DIM | B DIM | C HEX | D FLATS | E DIA | F DIA MAX | CABLE ENTRY DIA | ASSEMBLE PER |
|---------|---|-------|-------|-------|---------|-------|-----------|-----------------|--------------|
| -7 | TRC-50-2 TRC-75-2 | 1.314 | .096 | .438 | .500 | .500 | .593 | .274 | TAI-189 |
| -8 | 8227 BELDEN | 1.648 | .130 | .625 | .688 | .750 | .775 | .345 | TAI-103 |
| -9 | TWC-78-2 TWC-124-2 | 1.314 | .096 | .438 | .500 | .500 | .593 | .285 | TAI-102 |
| -10 | RG-22 754E W.E.CO. | 1.648 | .130 | .625 | .688 | .750 | .775 | .455 | TAI-103 |
| -11 | 760A W.E.CO. | | | | | | | .347 | |
| -12 | 16 PEVL W.E.CO. VI-AL GENERAL | 1.314 | .096 | .438 | .500 | .500 | .593 | .485 | TAI-128 |
| -13 | TRF-59 TIMES | | | | | | | .362 | |
| -13A | 8232 BELDEN | 1.648 | .130 | .625 | .688 | .750 | .775 | .352 | TAI-165 |
| -14 | 8233 BELDEN | | | | | | | .490 | |
| -23 | 250-3884 MICRODOT | 1.314 | .096 | .438 | .500 | .500 | .593 | .183 | TAI-189 |
| -24 | 202-3934 MICRODOT | | | | | | | .191 | |
| -24A | 9530A5117 RAYCHEM | 1.648 | .130 | .625 | .688 | .750 | .775 | .200 | TAI-189 |
| -25 | T-43M GENERAL | | | | | | | .285 | |
| -25A | 5021H5331 RAYCHEM | 1.314 | .096 | .438 | .500 | .500 | .593 | .191 | TAI-189 |
| -26 | 7028A5518 RAYCHEM | | | | | | | .145 | |
| -27 | T19TPSJ2619EN WOVEN 202-3927 MICRODOT 202-3942 MICRODOT | 1.648 | .130 | .625 | .688 | .750 | .775 | .235 | TAI-102 |
| -29 | TWC-78-1/TWC-124-1A | | | | | | | .191 | |
| -30 | 761A W.E.CO. 8441 BELDEN | 1.314 | .096 | .438 | .500 | .500 | .593 | .217 | TAI-189 |
| -32 | TRC-50-1 | | | | | | | .300 | |
| -33 | TRC-75-1 | 1.648 | .130 | .625 | .688 | .750 | .775 | .200 | TAI-102 |
| -42 | 21-204 ESSEX 4463 CONSOLIDATED | | | | | | | .183 | |
| -43 | 250-4044/250-4045 293-3930 MICRODOT | 1.314 | .096 | .438 | .500 | .500 | .593 | .164 | TAI-102 |
| -45 | M27500-22TE2T14 1100-66F STANDARD | | | | | | | .132 | |
| -46 | 9860 BELDEN | 1.648 | .130 | .625 | .688 | .750 | .775 | .323 | TAI-103 |
| -47 | M17/176-00002 | | | | | | | .250 | |
| -49 | TWC-78-1F2 | 1.314 | .096 | .438 | .500 | .500 | .593 | .191 | TAI-189 |
| -54 | 89207 BELDEN | | | | | | | .198 | |
| -55 | 89272 BELDEN | 1.648 | .130 | .625 | .688 | .750 | .775 | .217 | TAI-189 |
| -56 | GC875GC1, GRUMMAN | | | | | | | .183 | |
| -57 | GC875GB1, GRUMMAN | 1.314 | .096 | .438 | .500 | .500 | .593 | .198 | TAI-102 |
| -58 | GC875TM24H, GRUMMAN | | | | | | | | |
| -59 | GC875LN1, GRUMMAN | 1.648 | .130 | .625 | .688 | .750 | .775 | .250 | TAI-102 |
| -60 | M17/177 THERMATICS | | | | | | | | |
| -64 | 380-10045 BOEING | 1.314 | .096 | .438 | .500 | .500 | .593 | .191 | TAI-189 |
| -64 | 7528A5314, RAYCHEM | | | | | | | | |

| MILITARY PART NO (PIN) | MILITARY CABLE PART NO | TROMPETER P/N (REF ONLY) / S |
|------------------------|------------------------|------------------------------|
| M49142/06-0001 | M17/134-00001 | M3-0043-7 |
| M49142/06-0101 | M17/134-00001 | M3-0043Y-7 |
| M49142/06-0201 | M17/134-00001 | M3-0043S-7 |
| M49142/06-0002 | M17/134-00002 | M3-0043-7 |
| M49142/06-0102 | M17/134-00002 | M3-0043Y-7 |
| M49142/06-0202 | M17/134-00002 | M3-0043S-7 |
| M49142/06-0007 | M17/176-00002 | M3-0043-47 |
| M49142/06-0107 | M17/176-00002 | M3-0043Y-47 |
| M49142/06-0207 | M17/176-00002 | M3-0043S-47 |
| M49142/06-0008 | M17/176-00002 | M3-0043-9 |
| M49142/06-0108 | M17/176-00002 | M3-0043Y-9 |
| M49142/06-0208 | M17/176-00002 | M3-0043S-9 |
| M49142/06-0009 | M17/177-00002 | M3-0043-60 |
| M49142/06-0109 | M17/177-00002 | M3-0043Y-60 |
| M49142/06-0209 | M17/177-00002 | M3-0043S-60 |

| KEYING LETTER | G DEGREES | H DEGREES | J 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 |

FIG 2
- 9 SHOWN

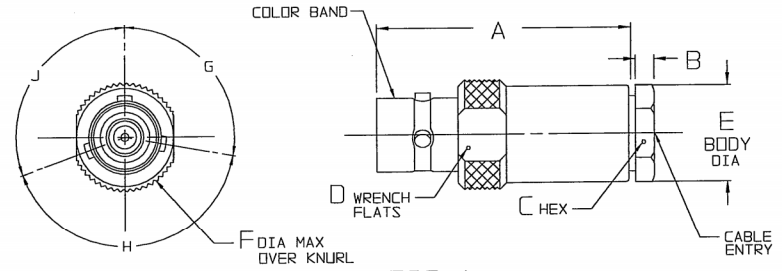
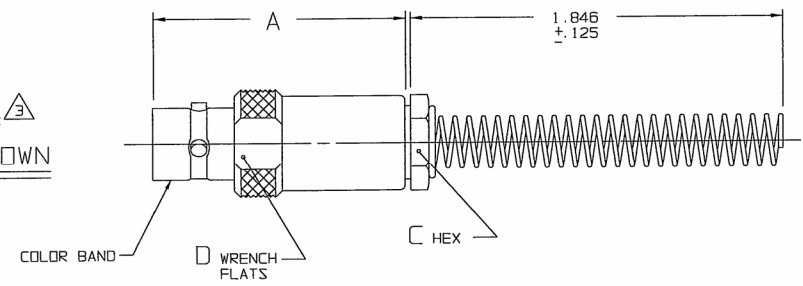
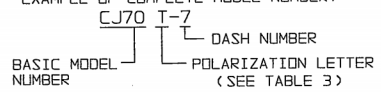


FIG 1
- 9 SHOWN

RED INDICATES ORIGINAL

4. EXAMPLE OF COMPLETE MODEL NUMBER:



3. FOR BEND RELIEF SPRING (FIG 2) ADD SUFFIX "BR" TO MODEL NO (NOT AVAILABLE WITH CABLE GROUPS -8, -10, -11, -12, -13, -14, -46 AND -54)

2. CONCENTRIC TWINAX/TRIAX TRB CABLE RECEPTACLE

1. FINISH: TFS-1A (NICKEL) 3

3. WHEN CONNECTOR IS SUPPLIED TO MILITARY PART NUMBER (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) (NICKEL) AND "14949"
 - c) QUALITY CONFORMANCE INSPECTION SHALL BE PER MIL-C-49142 SECTION 4.5

| QTY | DESCRIPTION | PART NUMBER | ITEM |
|-----------|------------------------------------|--------------------------------|---------------------------|
| 305-0534 | TOL UNLESS SPECIFIED .XX ± .005 | TROMPETER ELECTRONICS, INC. | CJ70/TU/V/W X/Y/Z/S/BR |
| 305-0522 | .XXX ± .005 ANGLES | | |
| 305-0521 | DWN L.M. 7-25-07 | MATERIAL | CODE IDENT |
| 305-0458 | CHK <i>gls 8/21/07</i> | 14949 | DRAWING NO. |
| 305-0419 | ENGR <i>Am 8/21/07</i> | 3-0043 | REV |
| NEXT ASSY | APPR | SCALE 2/1 | DATE 9/17/80 |
| | | | SHEET 1C |