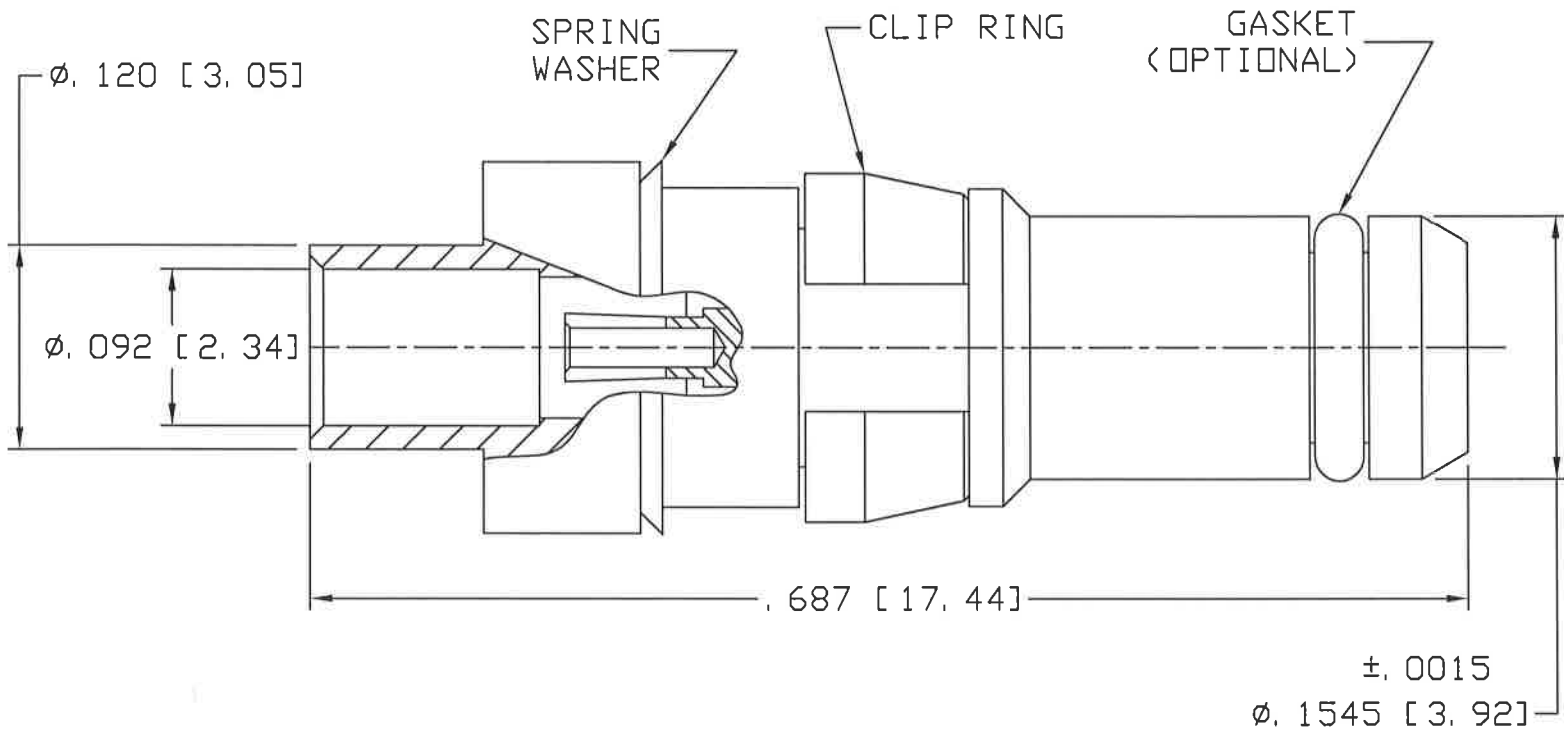


CAD DRAWING - NO MANUAL REVISIONS



| | |
|--------------|----------------|
| 26-0020-0860 | WITHOUT GASKET |
| 26-0021-0860 | WITH GASKET |

NOTES:

- DESIGN AND INTERFACE PER I. D. S. -26.
- ACCOMMODATES RG-405 (M17/133) OR EQUIVALENT CABLE.

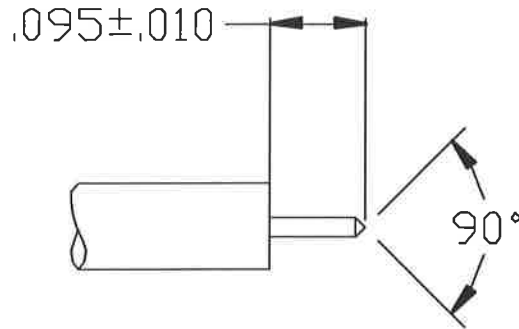
| | | | | | | | | | |
|------|---------------|----------|-------|---|----------------------------------|------------------|-----------------------------|----------------------------|---------------|
| K | PER ECN 10538 | 08/18/10 | JEM | PALCO CONNECTOR 22 GREAT HILL RD., NAUGATUCK, CT 06770 UNLESS OTHERWISE SPECIFIED, PALCO WORKMANSHIP STANDARDS APPLY TOLERANCES ON: DECIMALS: XX ±.01 .XXX ±.005 ANGLES ±1/2° 32' DIMENSIONS IN INCHES OR (METRIC) DO NOT SCALE PRINTS CATALOG ITEM | DRAWN EK | CHECKED JEM | ENGINEER HN | APPROVED JEM | FSCM 58167 |
| H | PER ECN 10442 | 06/30/10 | JEM | | DESCRIPTION PKZ, PLUG, SOLDER | | | | |
| G | PER ECN 10224 | 03/09/10 | JEM | | | DATE 03/19/96 | DRAWING NO. 26-002X-0860 | PLATING OPT. A, B, C, D | |
| F | PER ECN 9912 | 05/06/09 | JEM | | | | | | |
| E | PER ECN 9633 | 11/18/08 | JEM | | | | | | |
| REV. | DESCRIPTION | DATE | APPR. | | | | | | |

| | | | | | | |
|---------------------------|----------------|---|---------------|---------------|----------|------|
| CABLE ASSEMBLY PROCEDURE | | PALEO CONNECTOR 22 GREAT HILL ROAD, NAUGATUCK, CT. 06770 PHONE: (203) 729-9090 FAX: (203) 723-1794 | REV | DESCRIPTION | DATE | APPR |
| P/N 26-002X-0860 | | | F | PER ECN 9912 | 05/06/09 | JEM |
| PAGE 1 OF 2 | DATE: 03/20/96 | | G | PER ECN 10224 | 03/09/10 | JEM |
| DRAWN: EK | APPROVED: JEM | | H | PER ECN 10442 | 06/30/10 | JEM |
| FOR USE WITH RG-405 CABLE | | K | PER ECN 10538 | 08/18/10 | JEM | |

FOR USE WITH RG-405

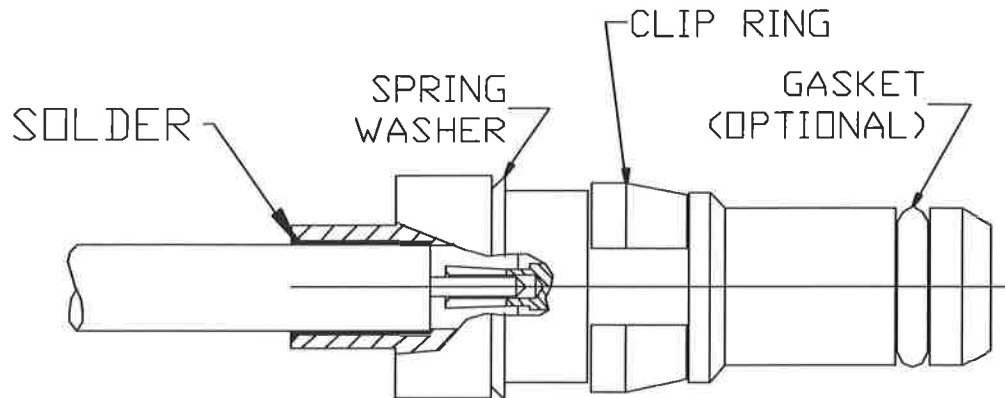
STEP 1

TRIM CABLE TO DIMENSIONS SHOWN.
POINT END AS SHOWN.



STEP 2

INSERT CABLE INTO BODY AND SOLDER AS SHOWN. CLEAN SOLDER JOINT.



| | |
|------------------------------|----------------|
| CABLE ASSEMBLY PROCEDURE | |
| P/N | 26-002X-0860 |
| PAGE 2 OF 2 | DATE: 03/20/96 |
| DRAWN: EK | APPROVED: JEM |
| FOR USE WITH TFLEX-405 CABLE | |

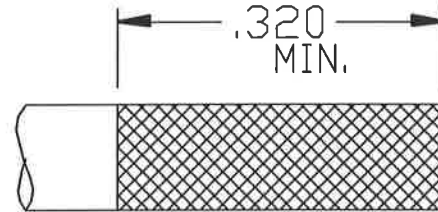
PALEO
CONNECTOR

22 GREAT HILL ROAD, NAUGATUCK, CT. 06770
PHONE: (203) 729-9090 FAX: (203) 723-1794

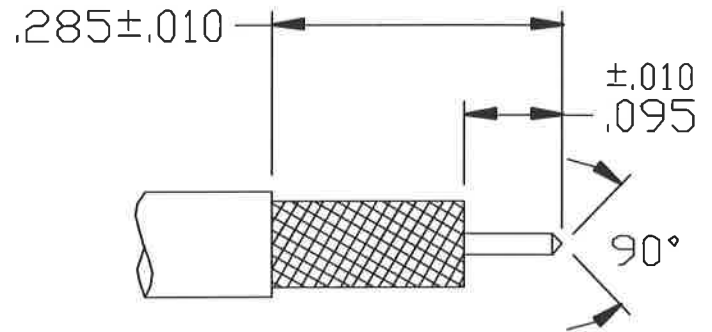
| REV | DESCRIPTION | DATE | APPR |
|-----|---------------|----------|------|
| F | PER ECN 9912 | 05/06/09 | JEM |
| G | PER ECN 10224 | 03/09/10 | JEM |
| H | PER ECN 10442 | 06/30/10 | JEM |
| K | PER ECN 10538 | 08/18/10 | JEM |

FOR USE WITH TFLEX-405

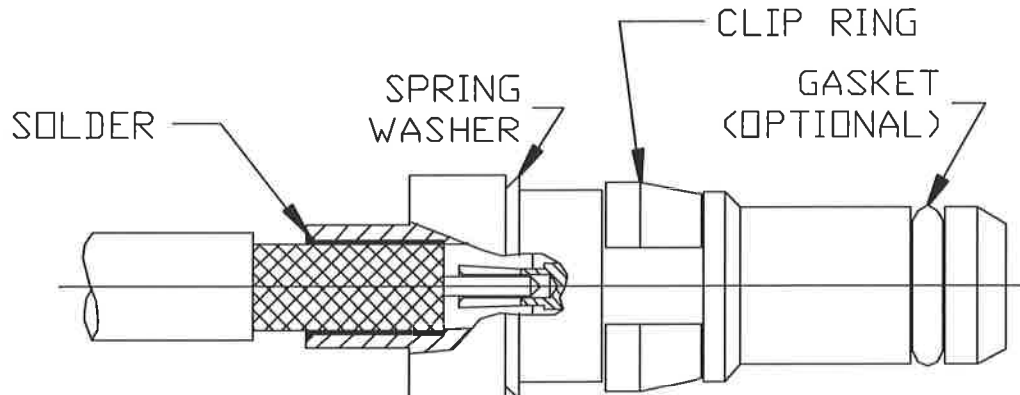
STEP 1
TIN DIP CABLE TO
DIMENSIONS SHOWN.



STEP 2
TRIM CABLE TO DIMENSIONS
SHOWN AND POINT
CENTER CONDUCTOR.



STEP 3
INSERT CABLE INTO BODY AND SOLDER
AS SHOWN. CLEAN SOLDER JOINT.



| | | | | | | |
|---------------------------|----------------|---|-----|---------------|----------|------|
| INTERFACE DESIGN STANDARD | |  | REV | DESCRIPTION | DATE | APPR |
| IDS-26 | | | D | PER ECN 6752 | 10/24/02 | HN |
| PAGE 1 OF 2 | DATE: 02/28/94 | | E | PER ECN 7265 | 01/27/04 | HN |
| DRAWN: JEM | APPROVED: HN | 22 GREAT HILL ROAD, NAUGATUCK, CT. 06770 PHONE: (203) 729-9090 FAX: (203) 723-1794 | F | PER ECN 9935 | 05/22/09 | JEM |
| | | | G | PER ECN 10145 | 01/20/10 | JEM |

DESCRIPTION: 26 SERIES, SIZE 8 PkZ®

MECHANICAL

MATERIALS

BODIES:

PLUG BODIES - BRASS PER ASTM B 16.
RECEPTACLE BODIES - BRASS PER ASTM B 16.

PLATING:

GOLD PER MIL-G-45204.
COPPER PER MIL-C-14550.
NICKEL PER QQ-N-290.

INSULATORS - VIRGIN TEFLON (PTFE) PER ASTM D 1710 AND ASTM D 1457.
RETAINING RING - BERYLLIUM COPPER PER ASTM B 196.
MALE CONTACT - BERYLLIUM COPPER PER ASTM B 197.
FEMALE CONTACTS - BERYLLIUM COPPER PER ASTM B 197.
WEATHER SEAL GASKET (OPTIONAL) - SILICONE RUBBER PER ZZ-R-765.
EMI GASKET - BERYLLIUM COPPER ASTM B 196.

FINISHES (ADD LETTER TO END OF PART NUMBER)

"A" - .000050 MIN. GOLD OVER NICKEL
"B" - .000030 MIN. GOLD OVER NICKEL
"C" - .000050 MIN. GOLD OVER COPPER
"D" - .000030 MIN. GOLD OVER COPPER

MATING CHARACTERISTICS

OUTER BODIES _____ 3 LBS MAX. INSERTION.
2 OZ. MIN. WITHDRAWAL.
CENTER CONTACTS _____ 32 OZ. MAX. INSERTION.
.5 OZ. MIN. WITHDRAWAL.
HOUSING RETENTION _____ 12 LBS. MIN.
AXIAL MATING TOLERANCE _____ .090

ELECTRICALS

FREQUENCY RANGE: DC TO 32 GHz.
VOLTAGE RATING STRAIGHT: 1000 VRMS.
VOLTAGE RATING ANGLED: 800 VRMS.
CURRENT RATING: 5 AMPS.
INSULATION RESISTANCE: 2000 MEGOHMS MIN.
INSERTION LOSS: .06 $\sqrt{f(\text{GHz})}$ dB

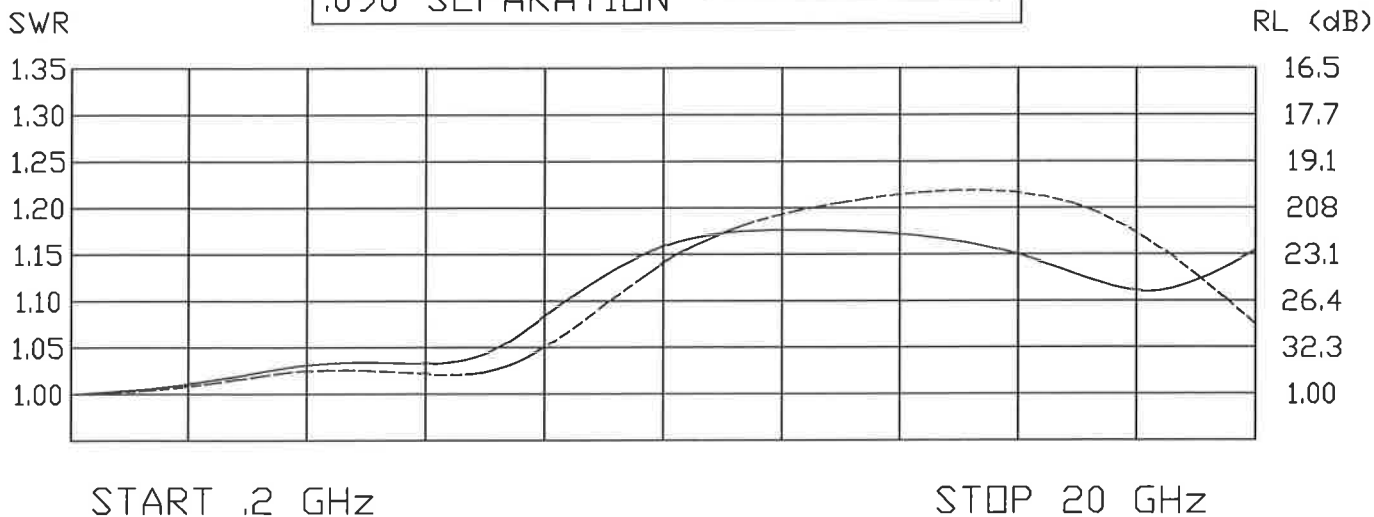
CONTACT RESISTANCE: CENTER CONTACT 5 MILLIOHMS
CONTACT RESISTANCE: OUTER CONTACT 3 MILLIOHMS
VSWR: 1.08 + .009(f) GHz., RG-402 CABLE.
1.15 + .02 (f) GHz., RG-174 & RG-316 CABLES.
1.15 + .01 (f) GHz., RG-142, 223, 303 & 400 CABLES.

ENVIRONMENTAL

OPERATING TEMPERATURE: -65°C to +165°C
VIBRATION: MIL-STD-202, METHOD 204, TEST CONDITION D.
SHOCK: MIL-STD-202, METHOD 213, TEST CONDITION I.
SALT SPRAY: MIL-STD-1344, METHOD 1001, CONDITION B.
DURABILITY: 500 CYCLES.

THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST CONDITION B, EXCEPT HIGH TEMPERATURE SHALL BE +85°C.
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106.
NO MEASUREMENT AT HIGH HUMIDITY. INSULATION RESISTANCE 2000 MEGOHMS AFTER HUMIDITY.

FULL MATING -----
.090 SEPARATION _____



| REV | DESCRIPTION | DATE | APPR |
|-----|---------------|----------|------|
| D | PER ECN 6752 | 10/24/02 | HN |
| E | PER ECN 7625 | 01/27/04 | HN |
| F | PER ECN 9935 | 05/22/09 | JEM |
| G | PER ECN 10145 | 01/20/10 | JEM |

DESCRIPTION: 26 SERIES, PKZ[®] SIZE 8

| | INCH | [mm] | SUFFIX |
|---|----------------------------|-------------------------|--------|
| A | .250 | [6.35] | MIN. |
| B | ϕ $\frac{.153}{.156}$ | $\frac{[3.89]}{[3.96]}$ | |
| C | $\frac{.126}{.132}$ | $\frac{[3.20]}{[3.35]}$ | MIN. |
| D | ϕ .206 | [5.23] | |

OPTIONAL GASKET

PLUG

| | INCH | [mm] | SUFFIX |
|---|------------------------------|-------------------------|--------|
| A | .245 | [6.22] | MIN. |
| B | $\frac{.143}{.147}$ | $\frac{[3.63]}{[3.73]}$ | |
| C | ϕ .206 | [5.23] | |
| D | ϕ $\frac{.0395}{.0410}$ | $\frac{[1.00]}{[1.04]}$ | |
| E | ϕ .157 | [3.99] | MIN. |

CONTACT FLUSH TO .006 BELOW BODY

RECEPTACLE