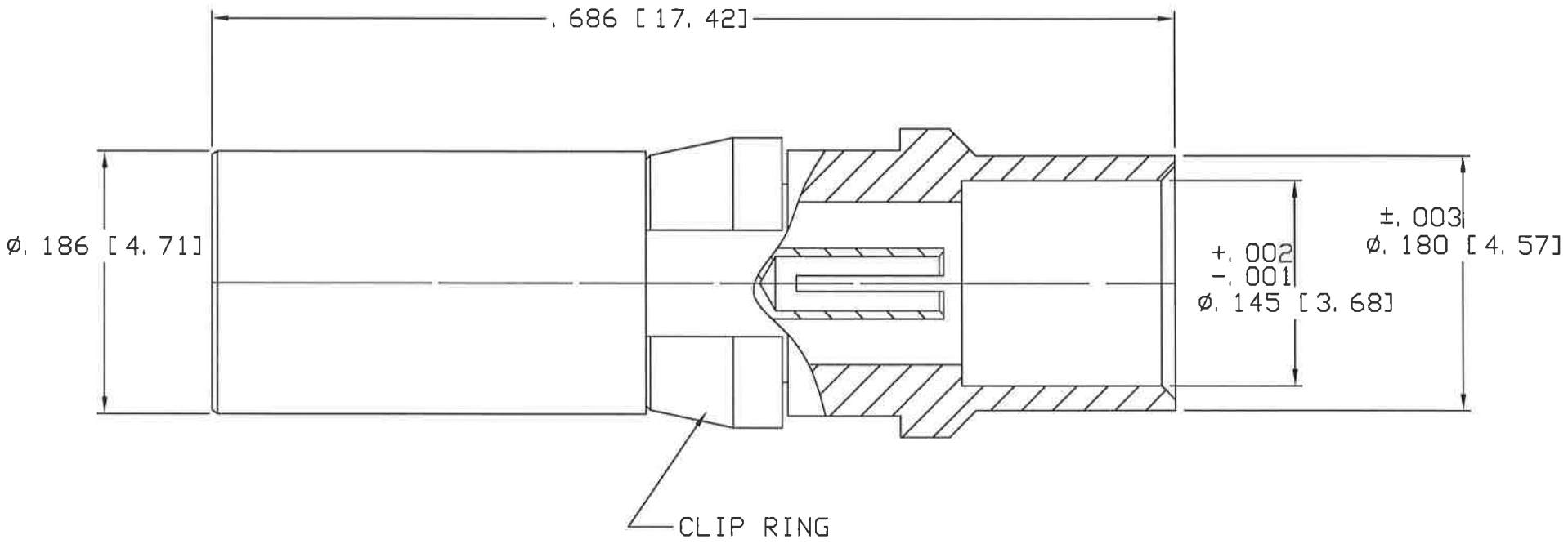
CAD DRAWING - NO MANUAL REVISIONS



NOTES:
1. DESIGN AND INTERFACE PER I.D.S.-26.
2. PROCESS ALL ECN'S PER DS-12.
3. ACCOMMODATES RG-402 S/R (.141 SEMI-RIGID) CABLE.

REV.	DESCRIPTION	DATE	APPR.
K	PER ECN 10186	02/15/10	JEM
J	PER ECN 9579	10/21/08	JEM
I	PER ECN 8019	06/03/05	JM
H	PER ECN 7224	12/16/03	HN

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	CHECKED	ENGINEER	APPROVED	FSCM
YT	HN	YT	HN	58167

DESCRIPTION: PKZ RECEPTACLE DIRECT SOLDER (RG-402)

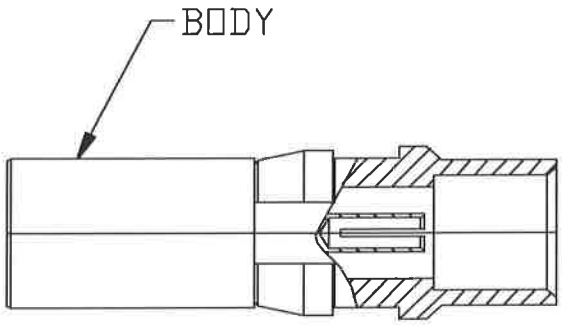
DATE	DRAWING NO.	PLATING OPT.
06/14/88	26-1020-1410	A, B, C, D

CABLE ASSEMBLY PROCEDURE	
P/N 26-1020-1410	
PAGE 1 OF 2	DATE: 07/16/99
DRAWN: JEM	APPROVED: HN
FOR USE WITH RG-402 S/R CABLE	

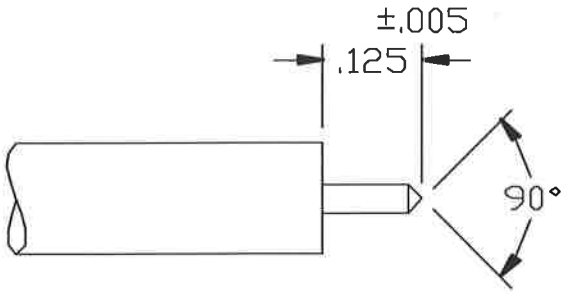
PALCO CONNECTOR
22 GREAT HILL ROAD, NAUGATUCK, CT. 06770
PHONE: (203) 729-9090 FAX: (203) 723-1794

REV	DESCRIPTION	DATE	APPR
H	PER ECN 7224	12/16/03	HN
I	PER ECN 8019	06/03/05	JEM
J	PER ECN 9579	10/21/08	JEM
K	PER ECN 10186	02/15/10	JEM

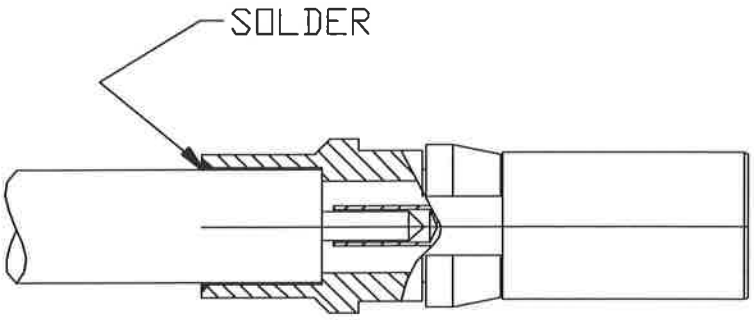
FOR USE WITH RG-402 S/R CABLE



STEP 1
TRIM CABLE TO DIMENSIONS SHOWN, POINT CENTER CONDUCTOR.



STEP 2
SLIDE CABLE INTO BACK OF BODY UNTIL CABLE BOTTOMS. SOLDER CABLE TO BODY AND CLEAN SOLDER JOINT.



CABLE ASSEMBLY PROCEDURE	
P/N 26-1020-1410	
PAGE 2 OF 2	DATE: 12/16/03
DRAWN: EK	APPROVED: HN
FOR USE WITH T-FLEX 402	

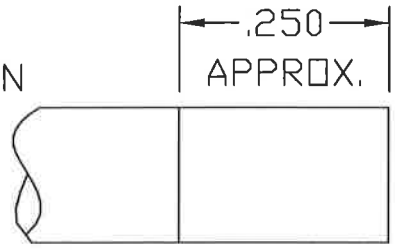
PALCO CONNECTOR
22 GREAT HILL ROAD, NAUGATUCK, CT. 06770
PHONE: (203) 729-9090 FAX: (203) 723-1794

REV	DESCRIPTION	DATE	APPR
H	PER ECN 7224	12/16/03	HN
I	PER ECN 8019	06/03/05	JM
J	PER ECN 9579	10/21/08	JEM
K	PER ECN 10186	02/15/10	JEM

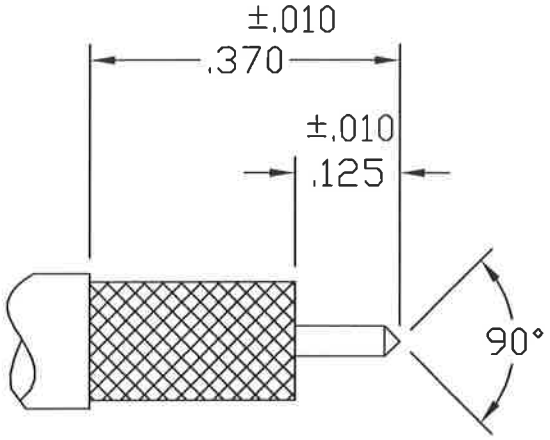
FOR USE WITH T-FLEX 402 CABLE

USE SHRINK TUBING.

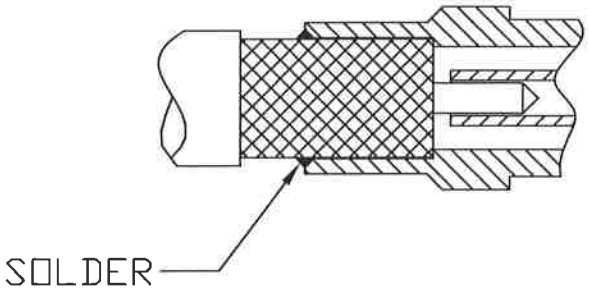
STEP 1
DIP END OF CABLE INTO FLUX AND THEN TIN DIP CABLE TO DIMENSION SHOWN USING KESTER 60/40 SOLDER @ 500° F FOR SIX SECONDS MAX.



STEP 2
TRIM CABLE TO DIMENSIONS SHOWN
POINT CENTER CONDUCTOR



STEP 3
SLIDE CABLE INTO BODY UNTIL CABLE BOTTOMS AND SOLDER.
CLEAN SOLDER JOINT.



INTERFACE DESIGN STANDARD	
IDS-26	
PAGE 1 OF 2	DATE: 02/28/94
DRAWN: JEM	APPROVED: HN

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

REV	DESCRIPTION	DATE	APPR
D	PER ECN 6752	10/24/02	HN
E	PER ECN 7265	01/27/04	HN
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

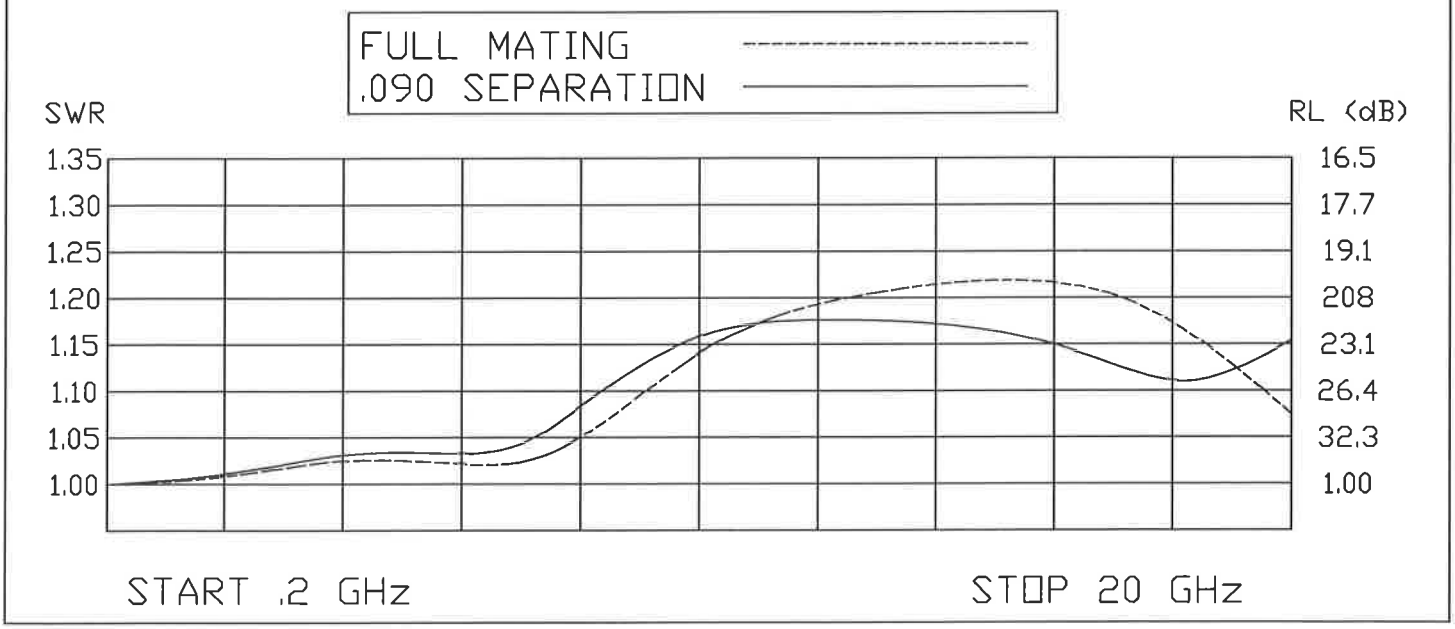
FREQUENCY RANGE: DC TO 32 GHz.
VOLTAGE RATING STRAIGHT: 1000 VRMS.
VOLTAGE RATING ANGLED: 800 VRMS.
CURRENT RATING: 5 AMPS.
INSULATION RESISTANCE: 2000 MEGAOHMS MIN.
INSERTION LOSS: $.06\sqrt{f(GHz)}$ dB

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 MEGAOHMS AFTER HUMIDITY.

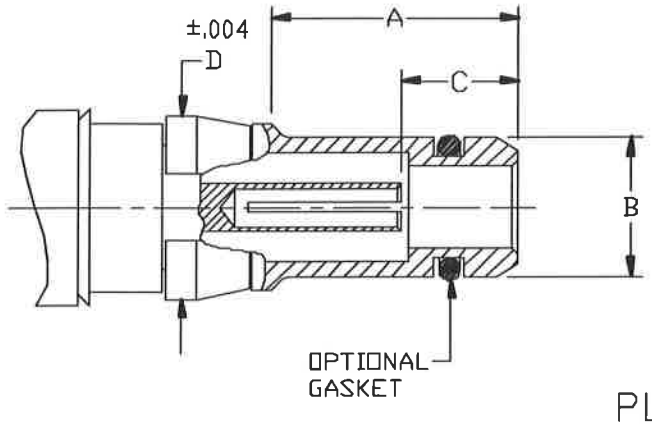


INTERFACE DESIGN STANDARD	
IDS-26	
PAGE 2 OF 2	DATE: 06/28/94
DRAWN: JEM	APPROVED: HN

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

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

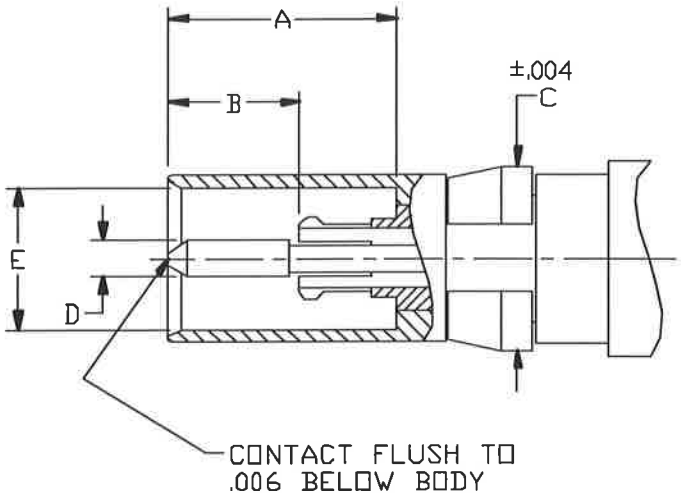
DESCRIPTION: 26 SERIES, PkZ® SIZE 8



	INCH	[mm]	SUFFIX
A	.250	[6.35]	MIN.
B	ø.153/.156	[3.89]/[3.96]	
C	.126/.132	[3.20]/[3.35]	MIN.
D	ø.206	[5.23]	

PLUG

	INCH	[mm]	SUFFIX
A	.245	[6.22]	MIN.
B	.143/.147	[3.63]/[3.73]	
C	ø.206	[5.23]	
D	ø.0395/.0410	[1.00]/[1.04]	
E	ø.157	[3.99]	MIN.



RECEPTACLE