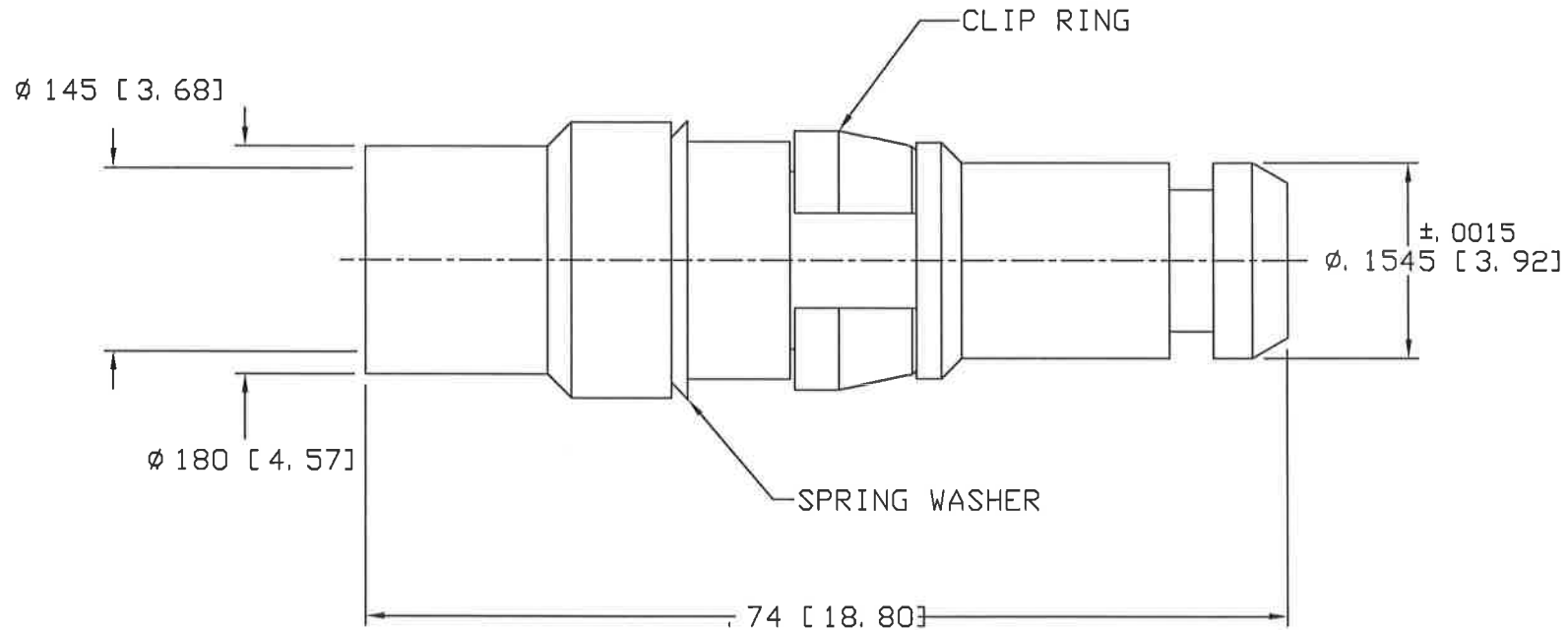


CAD DRAWING - NO MANUAL REVISIONS



NOTES:

1. PROCESS ALL ECN'S PER DS-12.
2. ACCOMMODATES RG402-M17/130 (.141 S.R.) CABLE.

				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	DRAWN MY	CHECKED HN	ENGINEER MS	APPROVED HN	FSCM 58167
C	PER ECN 6253	09/10/01	HN		DESCRIPTION PKZ PLUG , FOR USE RG-402 (DIRECT SOLDER)				
B	PER ECN 4374	02/10/98	HN	DATE 11/10/95	DRAWING NO. 26D-0020-1410A, B, C, D	PLATING OPT.			
A	PER ECN 3206	11/10/95	HN	CATALOG ITEM					
REV.	DESCRIPTION	DATE	APPR.						

CABLE ASSEMBLY PROCEDURE	
P/N	26D-0020-1410
PAGE 1 OF 1	DATE: 09/07/01
DRAWN: MY	APPROVED: HN
FOR USE WITH T-FLEX 402	

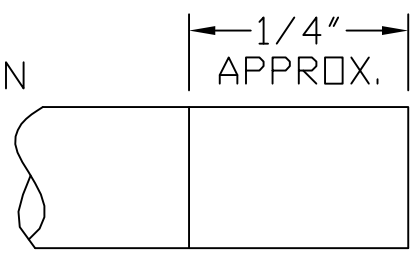
PALEO CONNECTOR

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

REV	DESCRIPTION	DATE	APPR
C	REL. ECN 6253	09/07/01	HN

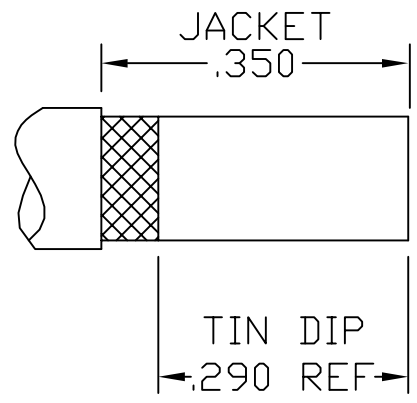
STEP 1

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.



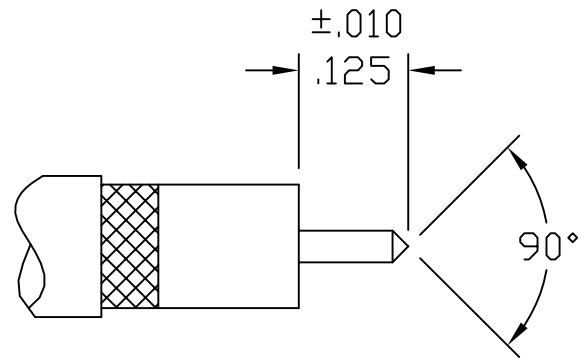
STEP 2

TIN DIP CABLE TO DIMENSION SHOWN USING SAME METHOD AS ABOVE



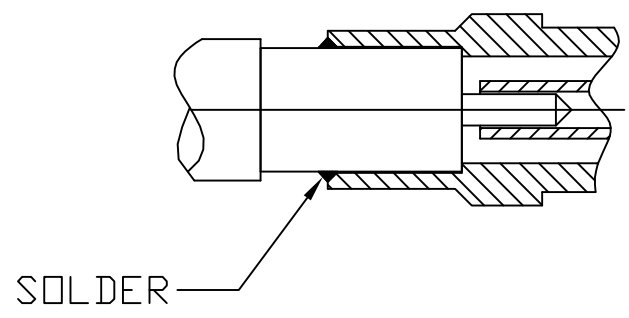
STEP 3

TRIM CABLE TO DIMENSIONS SHOWN POINT CENTER CONDUCTOR



STEP 4

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



INTERFACE DESIGN STANDARD		PALEO CONNECTOR	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

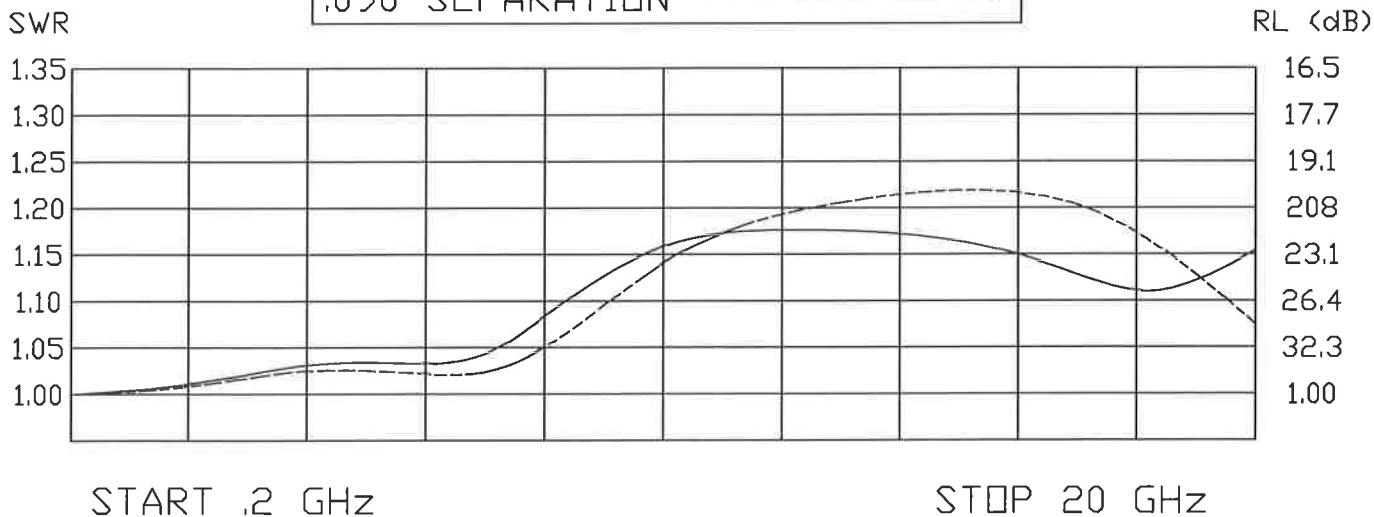
CONTACT RESISTANCE: CENTER CONTACT 5 MILLIOHMS
CONTACT RESISTANCE: OUTER CONTACT 3 MILLIOHMS
VSWR: 1.08 + .009(f) GHz., RG-402 CABLE.
1.15 + .02 (f) GHz., RG-174 & RG-316 CABLES.
1.15 + .01 (f) GHz., RG-142, 223, 303 & 400 CABLES.

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 _____



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

PALEO
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	ϕ $\frac{.153}{.156}$	$\frac{[3.89]}{[3.96]}$	
C	$\frac{.126}{.132}$	$\frac{[3.20]}{[3.35]}$	MIN.
D	ϕ .206	[5.23]	

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.

RECEPTACLE