

PROPRIETARY NOTICE

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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
N/R		INITIAL RELEASE	1/21/16	RF

SHELL SIZE	$\pm .005$ A	$\pm .005$ B	ϕ C	D THREAD	E THREAD	ϕ F MAX
8	.812	.594	.122/.130	.562-24 UNEF-2A	.500-20 UNF-2A	.305
10	.937	.719	.122/.130	.688-24 UNEF-2A	.625-24 UNEF-2A	.405
12	1.031	.812	.122/.130	.875-20 UNEF-2A	.750-20 UNEF-2A	.531
14	1.125	.906	.122/.130	.938-20 UNEF-2A	.875-20 UNEF-2A	.665
16	1.250	.969	.122/.130	1.062-18 UNEF-2A	1.000-20 UNEF-2A	.790
18	1.343	1.062	.122/.130	1.188-18 UNEF-2A	1.062-18 UNEF-2A	.869
20	1.437	1.156	.122/.130	1.312-18 UNEF-2A	1.188-18 UNEF-2A	.994
22	1.562	1.250	.122/.130	1.438-18 UNEF-2A	1.312-18 UNEF-2A	1.119
24	1.703	1.375	.145/.154	1.562-18 UNEF-2A	1.438-18 UNEF-2A	1.244
28	2.000	1.562	.145/.154	1.812-16 UN-2A	1.750-18 UNS-2A	1.492

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL AND FINISH:
SHELL: PER EN2997-003
SHELL FINISH: NICKEL
INSULATOR: GLASS REINFORCED EPOXY
WIRE SEALING GROMMET: RESILIENT FLUOROSILICONE/SILICONE BLEND
INTERFACIAL SEAL (PIN INSERT ONLY): RESILIENT FLUOROSILICONE/SILICONE BLEND
CONTACT RETAINING CLIPS: COPPER ALLOY
CONTACT PIN & SOCKETS: PER EN3155 (4-TINE W/COMPRESSION SLEEVE FOR SOCKETS)
- THE CONNECTOR DESCRIBED ON THIS DRAWING MEETS MECHANICAL AND ELECTRICAL CHARACTERISTICS OF EN2997-001, EN2997-002, EN2997-008 AND APPLICABLE TESTS OF EN2591.
- THE FOLLOWING INFORMATION SHALL BE MARKED ON THE CONNECTOR IN ACCORDANCE WITH MIL-STD-130:
A. HIRELCO PART NUMBER OR CUSTOMER PART NUMBER (AS REQUIRED BY P.O. OR CUSTOMER SPECIFICATION)
B. "HIRELCO" OR "HRC" IF SPACE ALLOWS
C. HIRELCO'S CAGE NUMBER "34222" AND "US. PAT NO.5,199,894"
D. DATE CODE
- THE FOLLOWING INFORMATION SHALL BE MARKED ON THE CONNECTOR PACKAGE:
A. HIRELCO PART NUMBER OR CUSTOMER PART NUMBER (AS REQUIRED BY P.O. OR CUSTOMER SPECIFICATION)
B. "HIRELCO" OR HIREL'S CAGE NUMBER "34222"
- THIS CONNECTOR MEETS VIBRATION REQUIREMENTS EXCEEDING THOSE OF MIL-C-83723, SERIES III.
- BLUE STRIPE FOR REAR RELEASE CONTACT IDENTIFICATION
- CONTACT IDENTIFICATION PER EN2997-002 (FRONT & REAR)

EXPLANATION OF PART NUMBER

70510SE-08T-03 P N-C18

MOD IDENTIFIER (NI PLATE & HIGH VIBE CONTACTS)

POLARIZATION: PER ESC10 (MIL-STD-1554)
("N" REQUIRED FOR NORMAL POLARIZATION)

CONTACT STYLE DESIGNATOR:
P = PIN (MALE)
S = SOCKET (FEMALE)

INSERT ARRANGEMENT: PER EN2997-002

COUPLING TYPE (T=THREADED)

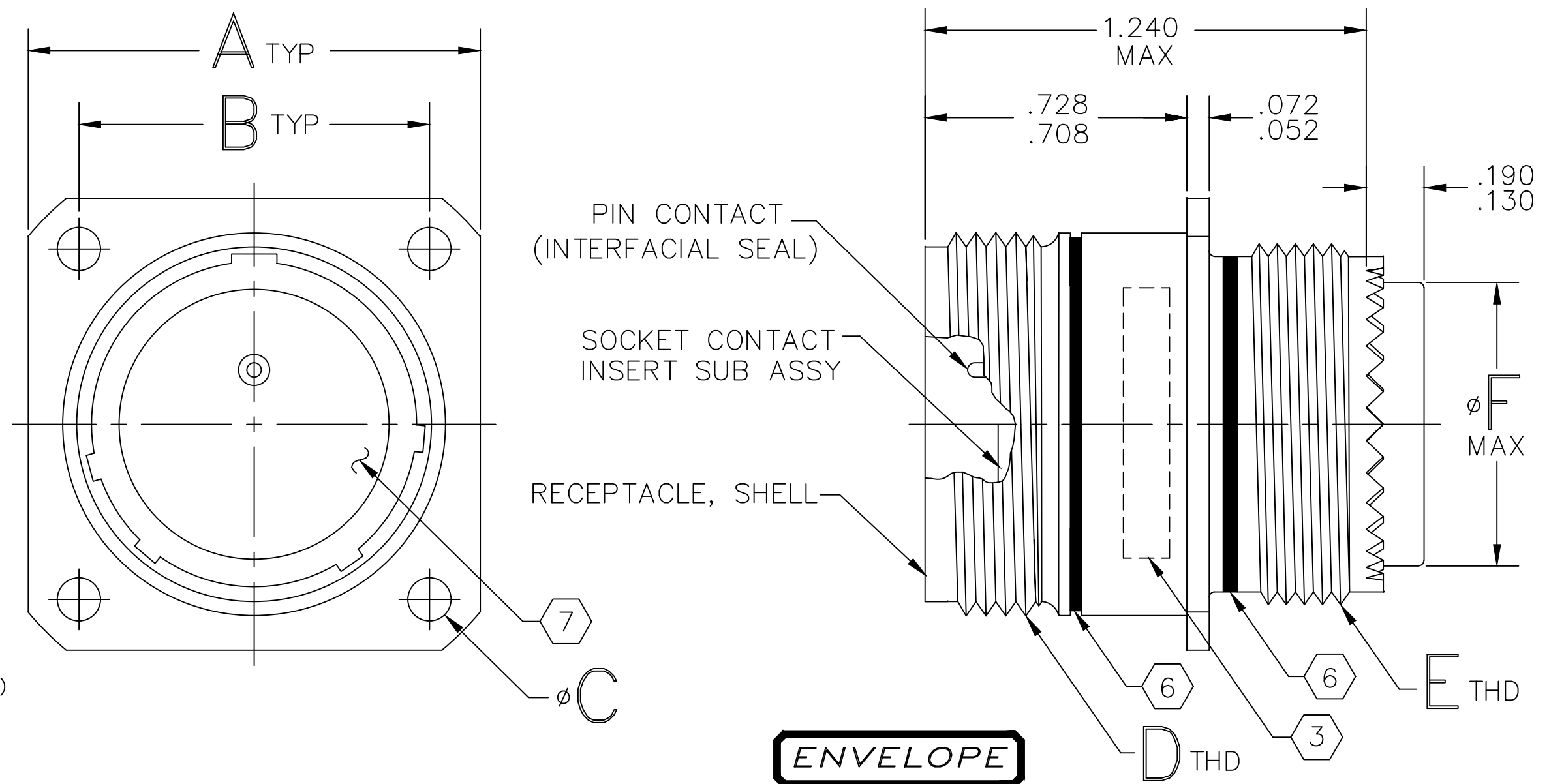
SHELL SIZE DESIGNATOR

CONNECTOR CLASS PER EN2997-003

BASIC NUMBER

EAR CONTROLLED PRODUCT

WARNING: INFORMATION SUBJECT TO U.S. EXPORT CONTROL LAWS
This commodity, technology, or data, is subject to the Export Administration Regulations (EAR). Diversion contrary to US Law is prohibited.



		QTY REQ'D	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION					
		PARTS LIST								
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± ~ .XX ± ~ ± ~ .XXX ± ~			HiREL CONNECTORS INC. 760 W WHARTON DRIVE CLAREMONT CA 91711					
					APPROVALS		DATE			
					DRAWN C. PHILLIPS		1/21/16			
					CHECKED R. FIGUEROA		1/22/16			
		MATERIAL 1			RECEPTACLE, ENVIRONMENTAL, SQUARE FLANGE MOUNT					
		FINISH 1			SIZE CODE IDENT NO. DRAWING NO. C 34222 70510SE-**T-****-C18					
NEXT ASSY USED ON										
APPLICATION		DO NOT SCALE DRAWING			SCALE		38253		SHEET 1 OF 1	