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EAR CONTROLLED PRODUCT

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REVISIONS			
ZONE	LTR	DESCRIPTION	DATE
		APPROVED	

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIALS, FINISHES & TEMPERATURE RANGES:

HOUSING:

MODEL S: STAINLESS STEEL, PASSIVATED. TEMP RANGE: -65°C TO +200°C CONTINUOUS.

MODEL SE: STAINLESS STEEL, PASSIVATED. TEMP RANGE: -65°C TO +260°C PEAK.

CONTACTS:

MALE: EN3155-004M****

FEMALE: EN3155-005F****

INSERT: REINFORCED EPOXY

INTERFACIAL SEAL: FLUOROSILICONE/SILICONE BLEND TO MEET THE REQUIREMENTS OF EN2997-2, MODELS WS, RS, S & SE.

O-RING SEAL: FLUOROSILICONE/SILICONE BLEND TO MEET THE REQUIREMENTS OF EN2997-2, MODELS WS, RS, S & SE.

2. THE CONNECTOR DESCRIBED ON THIS DRAWING MEETS THE TECHNICAL, ELECTRICAL AND DIMENSIONAL REQUIREMENTS OF EN2997-1, EN2997-2, EN2997-3 AND THE APPLICABLE TESTS OF EN2591.

3. BLUE COLOR FULLY COUPLED INDICATOR BAND.

4. BLUE STRIPE FOR REAR RELEASE CONTACT IDENTIFICATION

5. CONTACT IDENTIFICATION PER EN2997-002 (FRONT & REAR)

EXPLANATION OF PART NUMBER

EN2997 S** **** * *

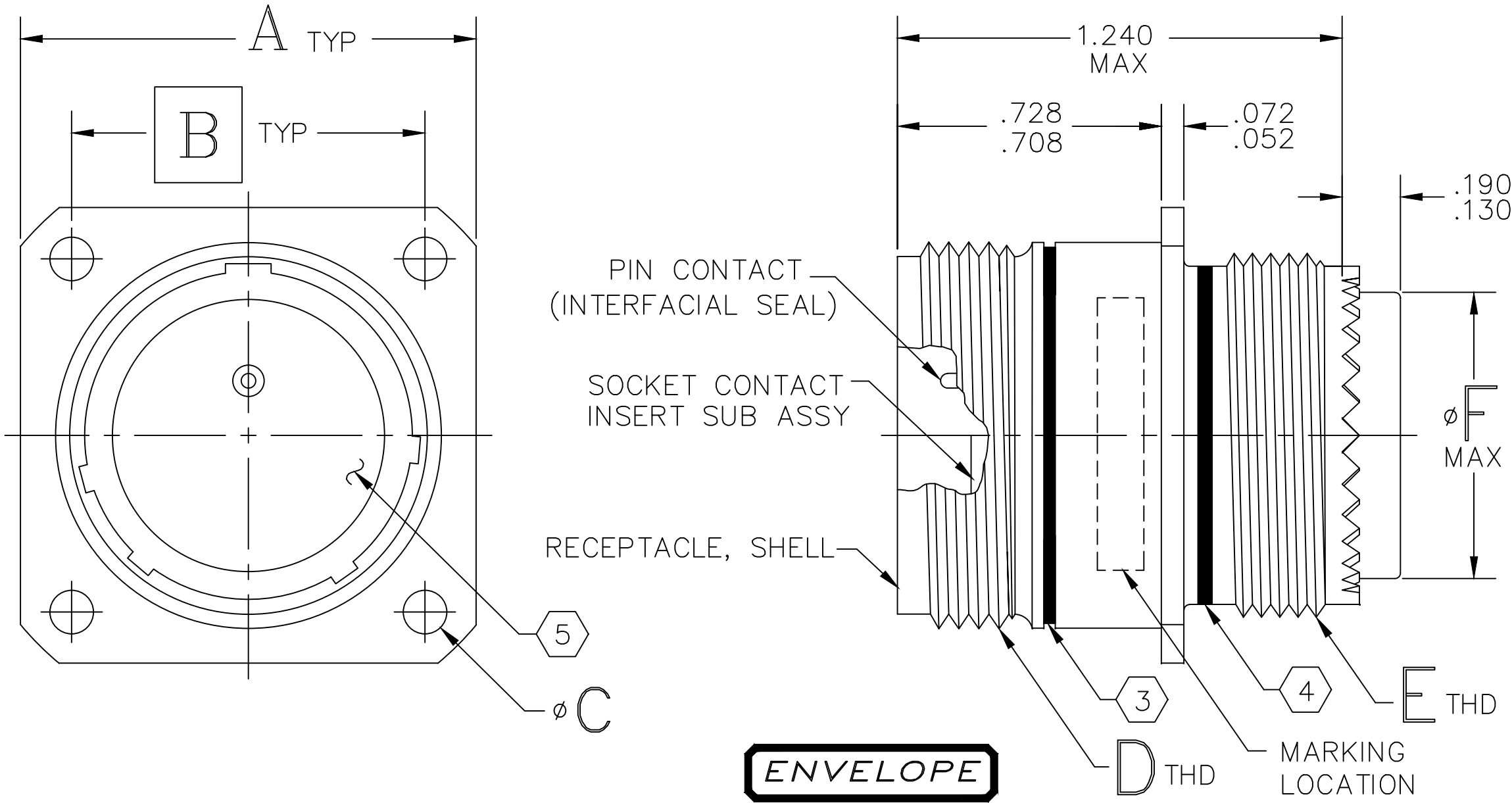
POLARIZATION PER EN2997-001 (MIL-STD-1554) ("N" REQUIRED FOR NORMAL POLARIZATION)

CONTACT TYPE DESIGNATOR:
M = MALE (PIN)
F = FEMALE (SOCKET)

INSERT ARRANGEMENT: PER EN2997-002

CONNECTOR MODEL/TYPE OF HOUSING
SØ (200") } ENVIRONMENTAL RECEPTACLE
SEØ (260") } SQ FLANGE MT STAINLESS STEEL SHELL

SHELL SIZE	A ±.005	B BASIC	øC	D THREAD	E THREAD	øF 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



	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 J. SANCHEZ			01/13/11			
				CHECKED M. DISHMAN			1/13/11			
MATERIAL				CONNECTOR, RECEPTACLE, SQUARE FLANGE MOUNT, ENVIRONMENTAL PER EUROPEAN STANDARD EN2997						
1										
FINISH				SIZE		CODE IDENT NO.		DRAWING NO.		
1				C		34222		EN2997S*****M/F*		
DO NOT SCALE DRAWING				SCALE NONE		28812			SHEET 1 OF 1	

10/4/2018 8:32:31 AM, MANUFACTURING RELEASE