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EAR CONTROLLED PRODUCT

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SHELL SIZE	A SQ.	B SQ.	C CPLG THD	D THD	ØE
8	.812	.594	.5625-24UNEF	.5000-20UNF	.305
10	.937	.719	.6875-24UNEF	.6250-24UNEF	.405
12	1.031	.812	.8750-20UNEF	.7500-20UNEF	.531
14	1.125	.906	.9375-20UNEF	.8750-20UNEF	.665
16	1.250	.969	1.0625-18UNEF	1.0000-20UNEF	.790
18	1.343	1.062	1.1875-18UNEF	1.0625-18UNEF	.869
20	1.437	1.156	1.3125-18UNEF	1.1875-18UNEF	.994
22	1.562	1.250	1.4375-18UNEF	1.3125-18UNEF	1.119
24	1.703	1.375	1.5625-18UNEF	1.4375-18UNEF	1.244

TABLE I

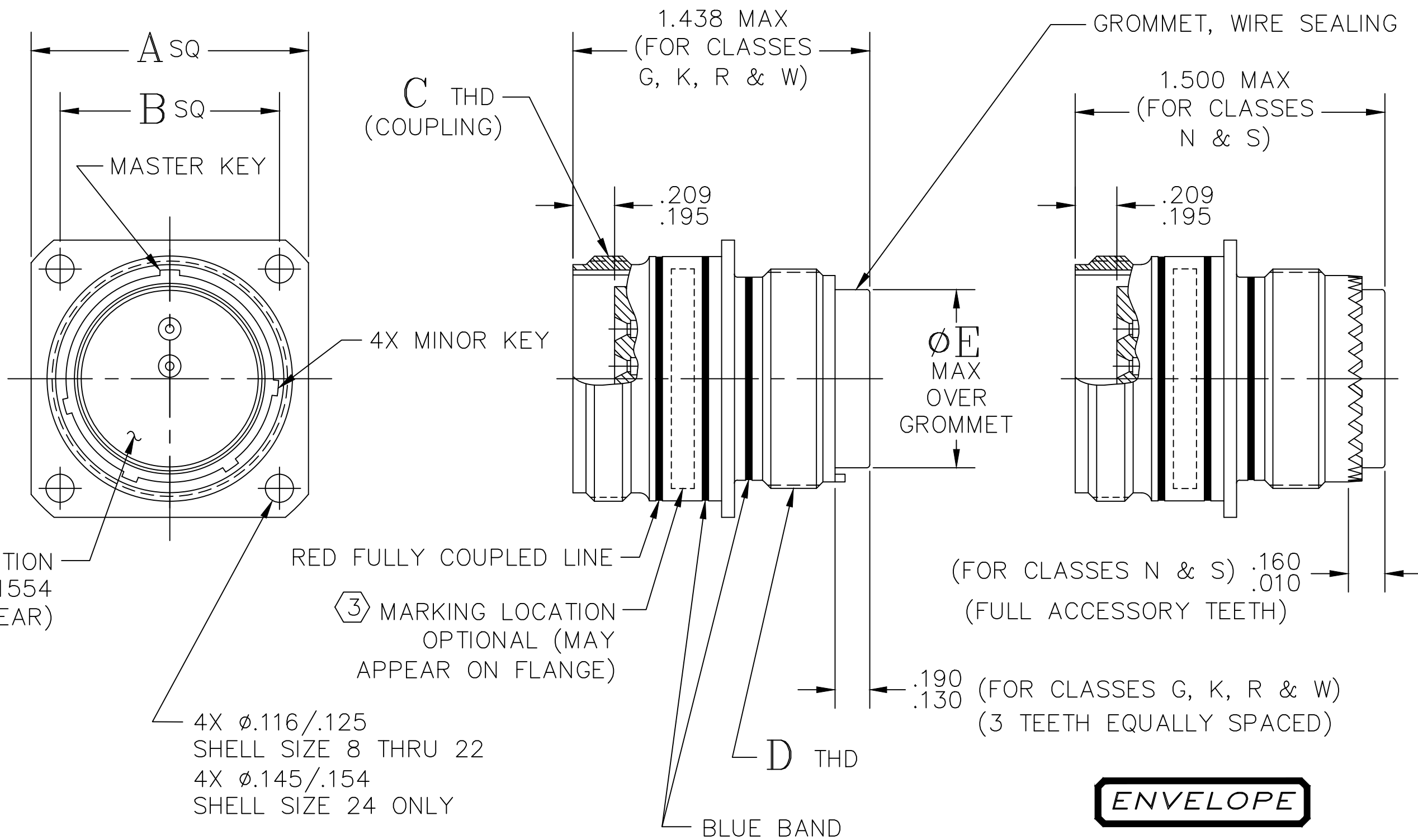
CLASS	MATERIAL	FINISH
G	CRES	PASSIVATED
K	CRES	PASSIVATED W/FIREWALL INSERT
N	CRES	ELECTRODEPOSITED NICKEL W/FIREWALL INSERT
R	AL	ELECTRODEPOSITED NICKEL
S	CRES	PASSIVATED W/FIREWALL INSERT
W	AL	O D CADMIUM OVER NICKEL

EXPLANATION OF PART NUMBER

M83723/82 K 10 05 S N

- POLARIZATION: PER MIL-DTL-83723, SERIES III ("N" REQUIRED FOR NORMAL POLARIZATION)
- CONTACT STYLE DESIGNATOR:
S= SOCKET
(FOR PIN SEE M83723/83*****)
- T= THREADED COUPLING
- INSERT ARRANGEMENT: PER MIL-STD-1554 (EXCEPT SIZE 28)
- SHELL SIZE DESIGNATOR
- CONNECTOR CLASS PER MIL-DTL-83723 SERIES III, SEE TABLE 1
- BASIC NUMBER

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE
NR		INITIAL RELEASE	9/20/13
			MD



NOTES : UNLESS OTHERWISE SPECIFIED

- MATERIAL AND FINISH:
SHELL: PER MIL-DTL-83723 SERIES III, SEE TABLE I
COUPLING NUT: PER MIL-DTL-83723 SERIES III, SEE TABLE I
INSULATOR: GLASS REINFORCED EPOXY
WIRE SEALING GROMMET: RESILIENT FLUOROSILICONE/SILICONE BLEND
INTERFACIAL SEAL: RESILIENT FLUOROSILICONE/SILICONE BLEND
CONTACT RETAINING CLIPS: COPPER ALLOY.
- THE CONNECTOR DESCRIBED ON THIS DRAWING MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF MIL-C-83723 SERIES III, MIL-DTL-83723/82 AND MIL-STD-1554
- THE FOLLOWING INFORMATION SHALL BE MARKED ON THE CONNECTOR IN ACCORDANCE WITH MIL-STD-130:
A. MILITARY PART NUMBER
B. "HIRELCO" OR "HRC" IF SPACE ALLOWS
C. HIREL'S CAGE NUMBER "34222"
D. DATE CODE
- THE FOLLOWING INFORMATION SHALL BE MARKED ON THE CONNECTOR PACKAGE:
A. HIREL PART NUMBER OR CUSTOMER PART NUMBER (AS REQUIRED BY P.O. OR CUSTOMER SPECIFICATION)
B. "HIRELCO"
C. HIREL'S CAGE NUMBER "34222"

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 ± ~		APPROVALS DATE		CONNECTORS INC. 760 W WHARTON DRIVE CLAREMONT CA 91711 CONNECTOR, RECEPTACLE THREADED COUPLING, FLANGE MOUT, SOCKET		
MATERIAL		DRAWN G JAWOR		9/20/13		
1		CHECKED M. DISHMAN		9/20/13		
FINISH				SIZE	CODE IDENT NO.	DRAWING NO.
1				C	34222	M83723/82*****
DO NOT SCALE DRAWING				SCALE NONE	32305	SHEET 1 OF 1

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