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EAR CONTROLLED PRODUCT

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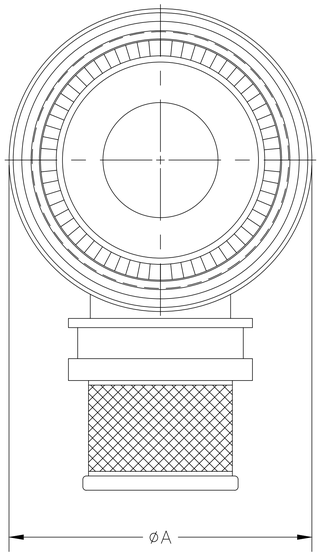
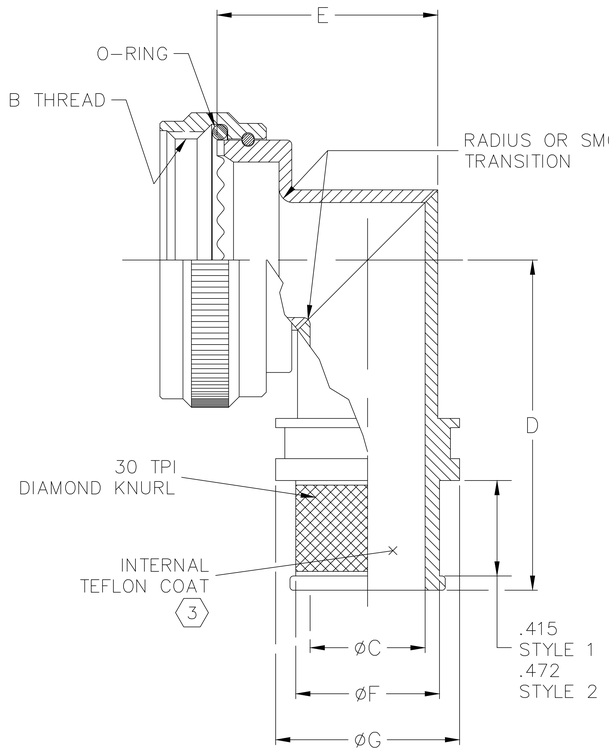
REVISIONS					
ZONE	LTR	DESCRIPTION		DATE	APPROVED
	NR1	ADDED SIZES 2510 & 1907	MJ	8/23/04	
	NR2	UPDATED	MJ	8/24/04	
	A	SEE ECO HRS–082	ES	1/12/18	TB
	A1	SEE DC0–00882	CT	3/21/19	SI

SHELL SIZE	ENTRY SIZE	HI REL PART NUMBER	ØA MAX.	B THREAD	ØC +.000 −.030	D MAX. STYLE 1	D MAX. STYLE 2	E MAX.	ØF ±.010	ØG +.000 −.030
09	04	HRS–76LH–090*04*	.79	M12x1.0–6H	.260	1.10	1.207	1.23	.375	.565
11	05	HRS–76LH–110*05*	.85	M15x1.0–6H	.332	1.20	1.237	1.29	.438	.627
11	06	HRS–76LH–110*06*	.91	M15x1.0–6H	.385	1.20	1.267	1.35	.500	.690
13	08	HRS–76LH–130*08*	1.00	M18x1.0–6H	.510	1.24	1.297	1.00	.625	.815
19	14	HRS–76LH–190*14*	1.40	M28x1.0–6H	.885	1.45	1.518	1.85	1.000	1.190
21	10	HRS–76LH–210*10*	1.54	M31x1.0–6H	.635	1.51	1.582	1.60	.750	.940
21	12	HRS–76LH–210*12*	1.54	M31x1.0–6H	.760	1.51	1.582	1.73	.875	1.065
21	14	HRS–76LH–210*14*	1.54	M31x1.0–6H	.885	1.51	1.582	1.85	1.000	1.190
21	16	HRS–76LH–210*16*	1.54	M31x1.0–6H	1.010	1.51	1.582	2.00	1.125	1.315
23	14	HRS–76LH–230*14*	1.650	M34x1.0–6H	.885	1.57	1.637	1.85	1.000	1.190
25	18	HRS–76LH–250*18*	1.79	M37x1.0–6H	1.135	1.65	1.707	2.10	1.250	1.440





ENVELOPE

NOTES: UNLESS OTHERWISE SPECIFIED

1. ADAPTER MATES WITH MIL–C–38999 SERIES 3 & SERIES 4 CONNECTORS.

2. PART NUMBER STRUCTURE SHALL BE AS FOLLOWS:

HRS – 76LH – ** * * ** *

- BAND/SPRING STYLE: 1 = STYLE 1, 2 = STYLE 2
- CABLE ENTRY SIZE
- FINISH: 2 – ELECTROLESS NICKEL PER ASTM B607 OR B733; 4 – OLIVE DRAB CADMIUM PER SAE AMS–QQ–P–416, TYPE II, CLASS 3 OVER ELECTROLESS NICKEL PER ASTM B607 OR B733 (500 HOUR SALT SPRAY RESISTANT FINISH)
- MATERIAL: 0 – 6061–T6 ALUMINUM ALLOY
- SHELL SIZE
- HI REL BASIC PART NUMBER

3. INTERNAL SURFACE OF PART SHALL BE COATED WITH A NON–CONDUCTIVE TEFLON COATING.

	QTY REQ'D	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION		
PARTS LIST						

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ± ∼ DECIMALS .XX ± ∼ .XXX ± ∼ ANGLES ± ∼

MATERIAL 2

FINISH 2

DO NOT SCALE DRAWING

HI REL CONNECTORS INC
760 W WHARTON DRIVE
CLAREMONT CA 91711

APPROVALS	DATE
DRAWN M.JASSO	11/26/02
CHECKED T. BOWMAN	1/22/18

MIL–C–38999 SERIES 3 & 4
SHIELD TERMINATING
90° BACKSHELL
REF: 4952295

SIZE	CODE IDENT NO.	DRAWING NO.
C	34222	HRS–76LH–*******

SCALE NONE	16553	SHEET 1 OF 1

11/11/2021 8:32:57 AM, MANUFACTURING RELEASE