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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
NR		INITIAL RELEASE	CT 11/14/19	SI

SHELL SIZE	HIRELCO PART NUMBER	ØJ MAX		L THREAD METRIC
		INCH	MM	
09	HRS-130-09****	.716	18.19	M12x1.0-6H
11	HRS-130-11****	.846	24.49	M15x1.0-6H
13	HRS-130-13****	.966	24.54	M18x1.0-6H
15	HRS-130-15****	1.051	26.70	M22x1.0-6H
17	HRS-130-17****	1.215	30.86	M25x1.0-6H
19	HRS-130-19****	1.335	33.91	M28x1.0-6H
21	HRS-130-21****	1.465	37.21	M31x1.0-6H
23	HRS-130-23****	1.585	40.26	M34x1.0-6H
25	HRS-130-25****	1.715	43.56	M37x1.0-6H

ENTRY SIZE	ØA		B		ØC		ØD	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
	±.008	±.25	+0.07/-0.00	+18/-00	±.010	±.25	±.010	±.25
04	.250	6.35	.044	1.12	.550	13.97	.375	9.53
05	.313	7.95	.044	1.12	.613	15.57	.438	11.13
06	.375	9.53	.044	1.12	.675	17.15	.500	12.70
07	.438	11.13	.044	1.12	.738	18.75	.563	14.30
08	.500	12.70	.044	1.12	.800	20.32	.625	15.88
10	.625	15.88	.044	1.12	.925	23.50	.750	19.05
12	.750	19.05	.044	1.12	1.050	26.67	.875	22.23
14	.875	22.23	.044	1.12	1.175	29.85	1.000	25.40
16	1.000	25.40	.044	1.12	1.300	33.02	1.125	28.58
18	1.125	28.58	.044	1.12	1.425	36.20	1.250	31.75
20	1.250	31.75	.044	1.12	1.550	39.37	1.375	34.93

NOTES: UNLESS OTHERWISE SPECIFIED

1. COUPLING INTERFACE MATES WITH MIL-DTL-38999 SERIES 3 & 4 CONNECTORS.

2. PART NUMBER STRUCTURE SHALL BE AS FOLLOWS:

HRS - 130 - * * * * *

CABLE ENTRY SIZE

FINISH

1 - OLIVE DRAB CADMIUM PER SAE-AMS-QQ-P-416

2 - ELECTRODEPOSITED NICKEL PER SAE-AMS-QQ-N-290

6 - PASSIVATED PER ASTM A967

MATERIAL

0 - 6061 ALUMINUM ALLOY

3 - 316 STAINLESS ALLOY

2 - 304L STAINLESS ALLOY

4 - 6AL-4V TITANIUM ALLOY

SHELL SIZE

HIRELCO BASIC PART NUMBER

3. COUPLING RING SHALL BE MARKED WITH THE FOLLOWING:

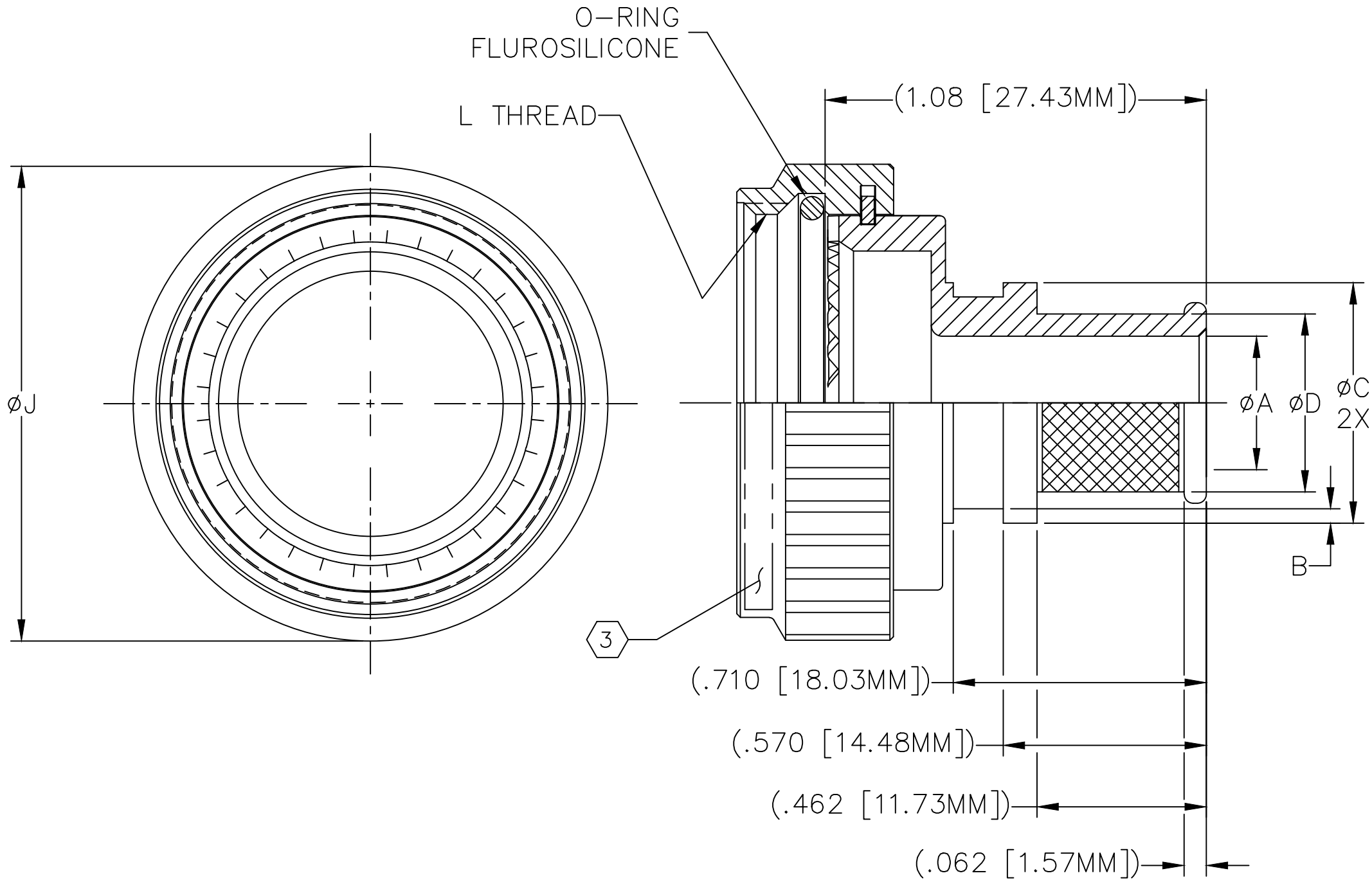
HRS-130-*****

HIRELCO

34222

DATE CODE

ENVELOPE



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					
MATERIAL 2			APPROVALS		DATE		BACKSHELL, STRAIGHT, SHRINK BOOT ADAPTER, BAND SHIELD TERMINATION			
			DRAWN C. TAIT		11/14/19					
			REA R. JASPERSON		12/30/19					
			CHECKED S. IBARRA		12/31/19					
FINISH 2			REF: SAE AS85049		SIZE	CODE IDENT NO.	DRAWING NO.			
		C			34222	HRS-130-*****				
DO NOT SCALE DRAWING					SCALE NONE		38242		SHEET 1 OF 1	

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12/31/2019 9:55:47 AM, MANUFACTURING RELEASE