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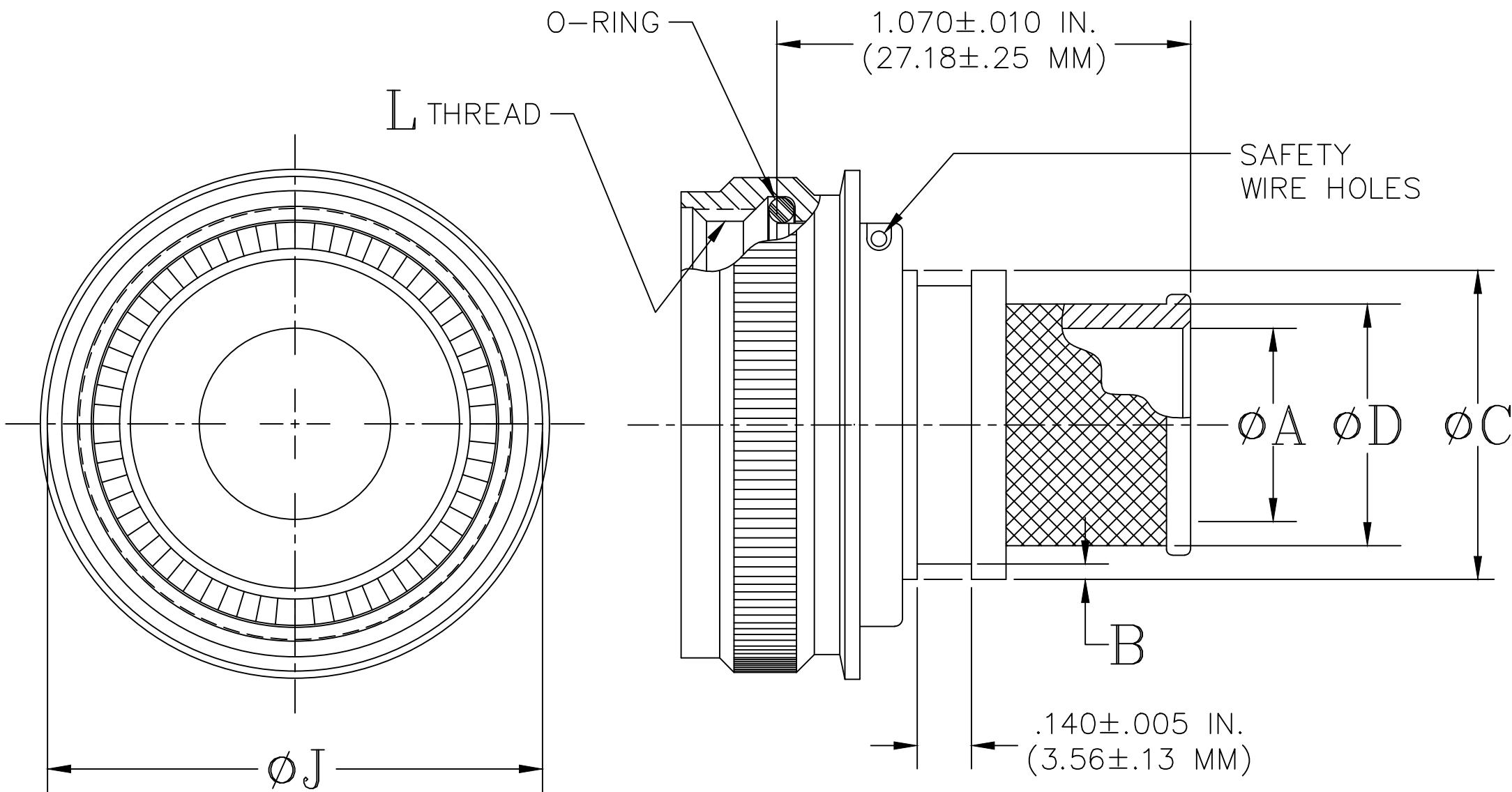
EAR CONTROLLED PRODUCT

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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
N/R1		ADDED ENTRY INFORMATION AND METRIC DIMENSIONS	06/03/10	WO
		ADDED TITANIUM ALLOY MATERIAL OPTION		
		UPDATED TO CURRENT STDS.		
N/R2		ADDED MISSING DIM ϕC	JMS 08/10/11	MJ
N/R3		ADDED MAT'L 304L SST	GCJ 6/27/13	LD
A		SEE ECO HRS-080	RNC 6/26/17	GTM

SHELL SIZE	HI REL PART NUMBER	ϕJ		L THREAD METRIC
		INCH	MM	
		$\pm .015$	$\pm .38$	
09	HRS-25-09****	.660	16.76	M12x1.0-6H
11	HRS-25-11****	.770	19.56	M15x1.0-6H
13	HRS-25-13****	.900	22.86	M18x1.0-6H
15	HRS-25-15****	1.050	26.67	M22x1.0-6H
17	HRS-25-17****	1.160	29.46	M25x1.0-6H
19	HRS-25-19****	1.285	32.64	M28x1.0-6H
21	HRS-25-21****	1.405	35.69	M31x1.0-6H
23	HRS-25-23****	1.520	38.61	M34x1.0-6H
25	HRS-25-25****	1.650	41.91	M37x1.0-6H

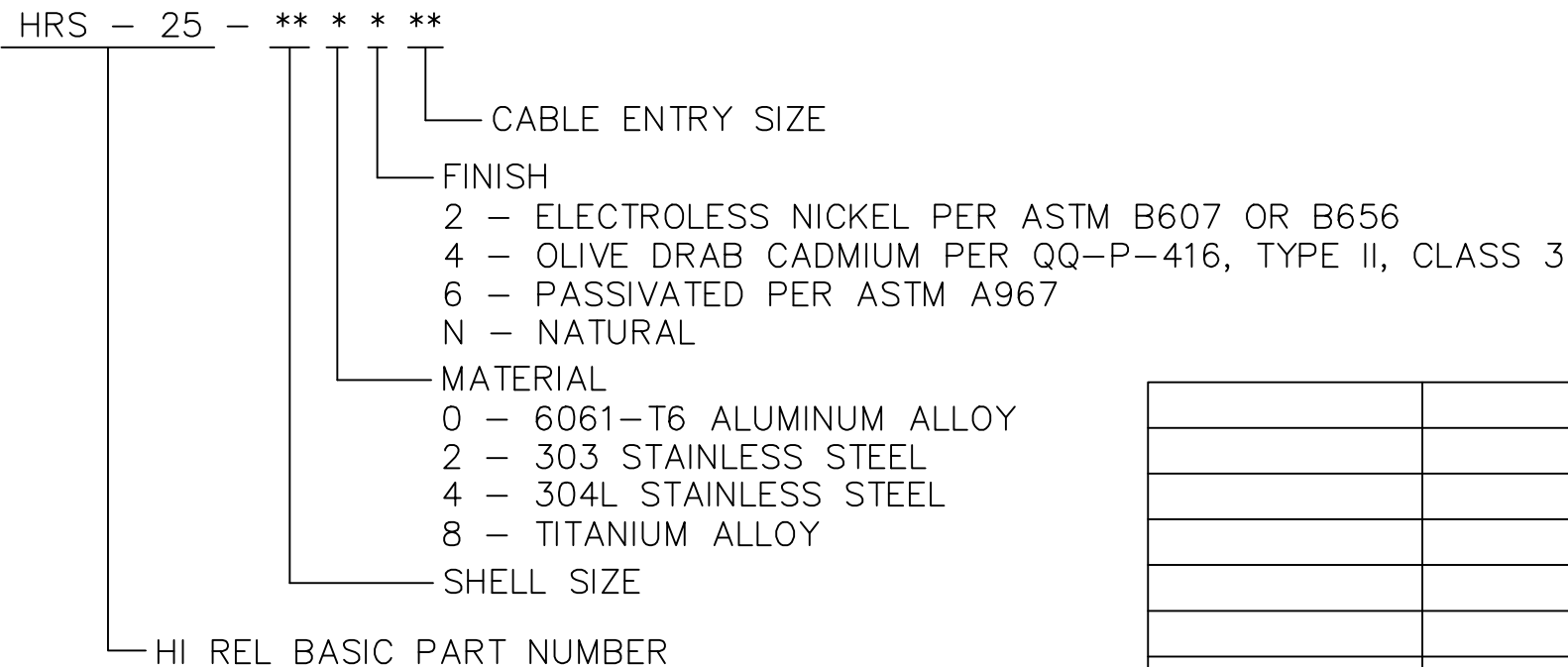
ENTRY SIZE	ϕA		B		ϕC		ϕD	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
	$\pm .010$	$\pm .25$	$+.010/-0.000$	$+.25/-0.00$	$\pm .010$	$\pm .25$	$\pm .010$	$\pm .25$
04	.250	6.35	.040	1.02	.550	13.97	.375	9.53
05	.313	7.95	.040	1.02	.613	15.57	.438	11.13
06	.375	9.53	.040	1.02	.675	17.15	.500	12.70
07	.438	11.13	.040	1.02	.738	18.75	.563	14.30
08	.500	12.70	.040	1.02	.800	20.32	.625	15.88
09	.563	14.30	.040	1.02	.863	21.92	.688	17.48
10	.625	15.88	.040	1.02	.925	23.50	.750	19.05
12	.750	19.05	.065	1.65	1.050	26.67	.875	22.23
14	.875	22.23	.065	1.65	1.175	29.85	1.000	25.40
16	1.000	25.40	.065	1.65	1.300	33.02	1.125	28.58
18	1.125	28.58	.065	1.65	1.425	36.20	1.250	31.75
20	1.250	31.75	.065	1.65	1.550	39.37	1.375	34.93



NOTES: UNLESS OTHERWISE SPECIFIED

1. COUPLING INTERFACE DIMENSIONS IN ACCORDANCE WITH MIL-DTL-85049, FIGURE 4

2. PART NUMBER STRUCTURE SHALL BE AS FOLLOWS:



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 ± .01 ± 2° .XXX ± .005			HiREL CONNECTORS INC. 780 W. WHARTON DRIVE CLAREMONT CA 91711					
					APPROVALS		DATE		BAND SHIELD TERMINATING STRAIGHT BACKSHELL	
					DRAWN M.JASSO		01/8/03			
					CHECKED M. CAMARILLO		03/07/03			
		MATERIAL								
		2								
		FINISH					SIZE		CODE IDENT NO.	DRAWING NO.
		2					C		34222	HRS-25-*****
NEXT ASSY		USED ON				SCALE NONE		16742		SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING								

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6/28/2017 7:50:14 AM, MANUFACTURING RELEASE