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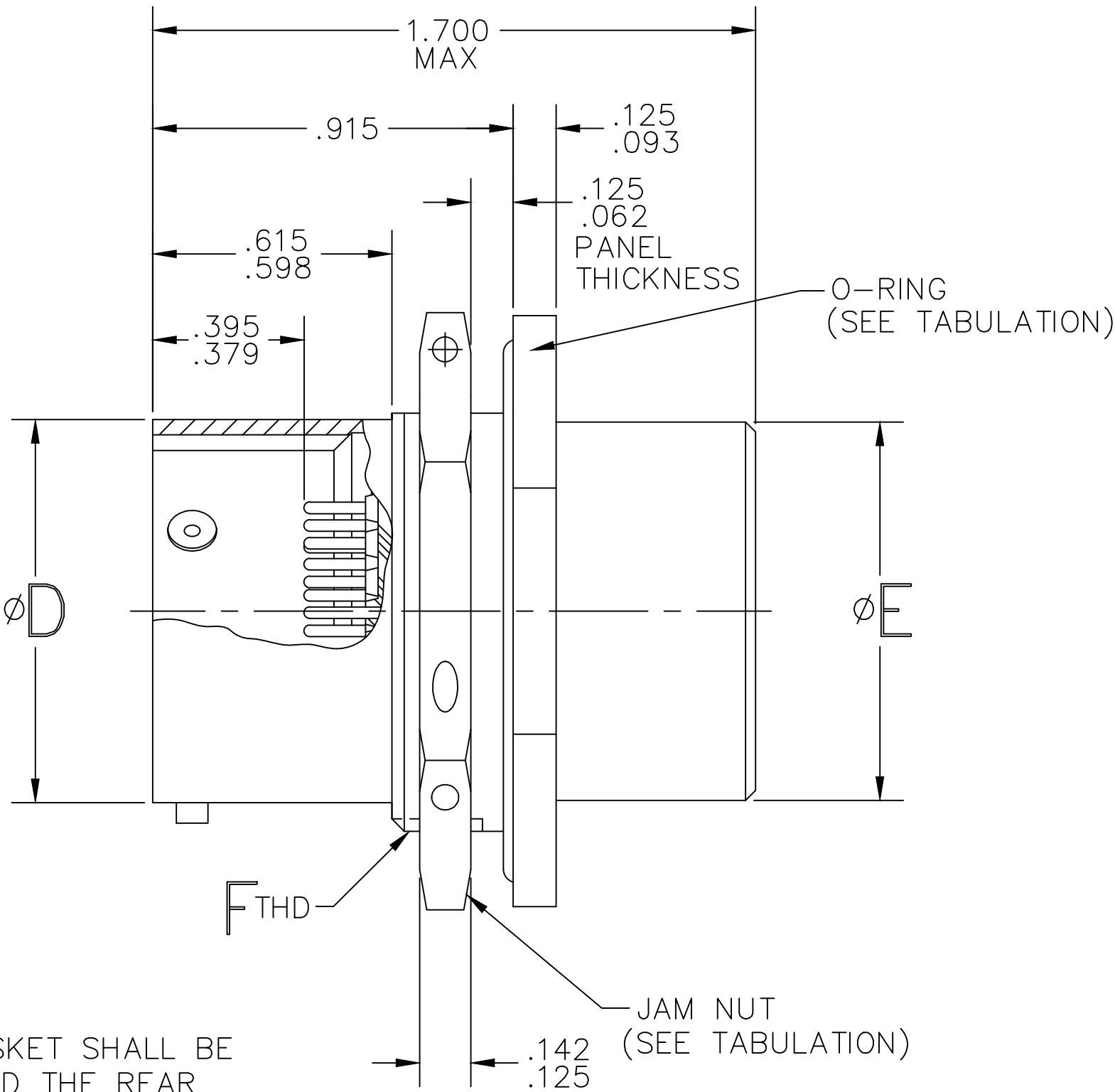
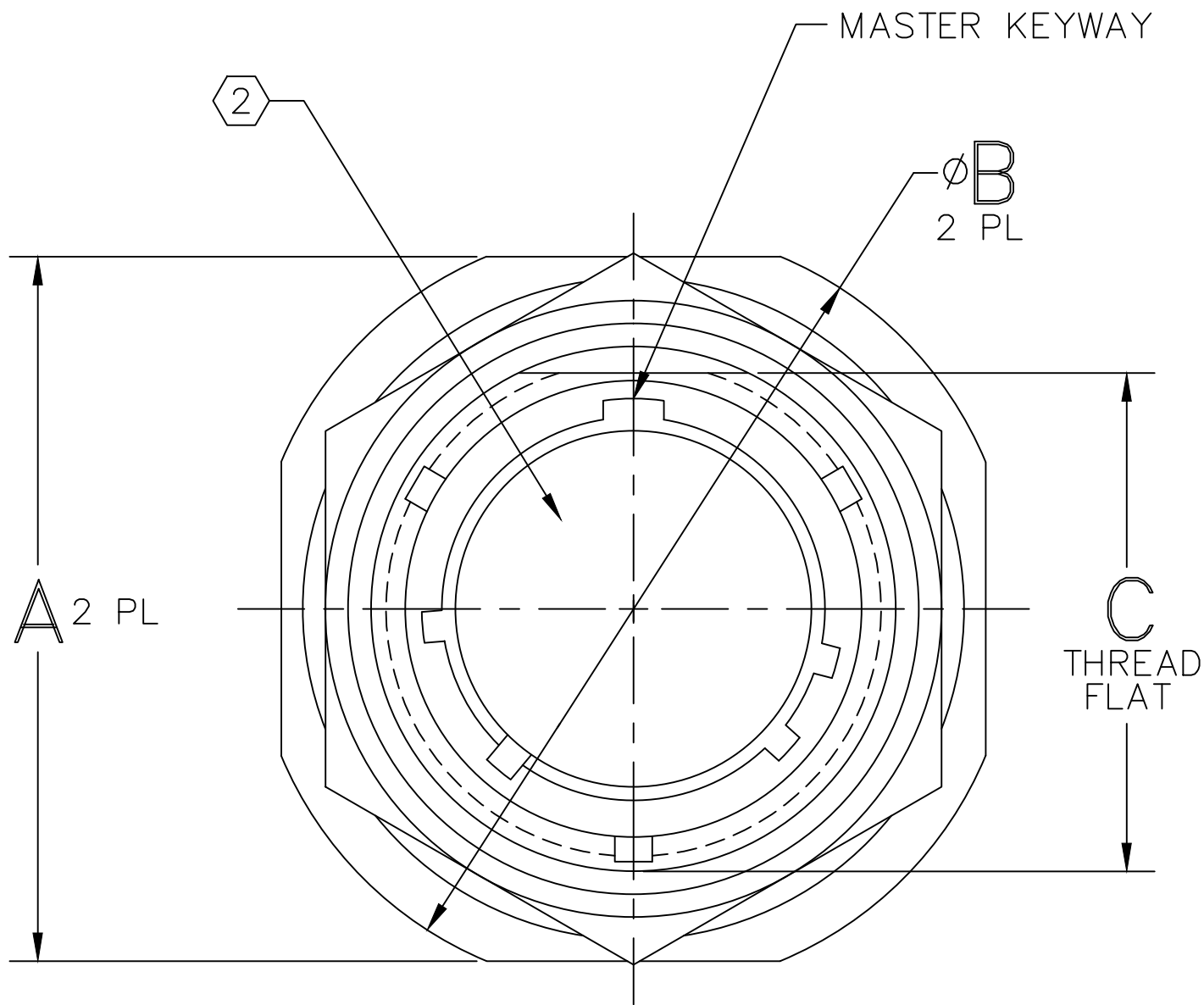
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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
NR1		UPDATE TO CURRENT STDS (UPDATED CANCELLED SPEC CALLOUTS)	GCJ 10/5/15	MD



NOTES: UNLESS OTHERWISE SPECIFIED

1. CONNECTOR MATING DIMENSIONS CONFORM TO THE REQUIREMENTS OF MIL-DTL-38999, SERIES 1.

2. INSERT ARRANGEMENTS PER MIL-STD-1560.

3. MATERIALS AND FINISHES-

SHELL: CARBON STEEL PER ASTM A108, FUSED TIN PLATE PER ASTM B545, TYPE 1, .00001 MIN THK OVER COPPER PLATE AMS 2418, .0002 MIN THK.

CONTACTS: 52 ALLOY PER MIL-I-23011, CL 2, GOLD PLATED PER MIL-DTL-45204, TYPE II GRADE C, .00005 MIN THK OVER NICKEL PLATE PER AMS-QQ-N-290, .0002 MIN THK.

HERMETIC SEAL: COMPRESSION GLASS
INTERFACIAL SEAL, GASKET, O-RING & WIRE SEALING GROMMET: FLUOROSILICONE PER MIL-R-25988.

SOCKET INSULATOR: REINFORCED THERMOPLASTIC

4. ELECTRICAL- CONNECTOR SHALL CONFORM TO THE REQUIREMENTS OF MIL-DTL-38999, CLASS Y.

5. MAXIMUM OPERATING VOLTAGE: 400 VAC RMS

6. MAXIMUM CURRENT: 5 AMPERES

7. THE VOID SURROUNDING THE REAR INSULATOR SHALL BE POTTED.

8. INTERFACIAL SEAL AND GASKET SHALL BE BONDED TO THE FRONT AND THE REAR OF THE HERMETIC SEAL.

9. CRIMP REMOVABLE SOCKET CONTACTS PER M39029/57-354.

ENVELOPE

NEXT ASSY	USED ON
APPLICATION	

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 ± .005		APPROVALS DATE		CONNECTORS INC. 780 W. WHARTON DRIVE CLAREMONT CA 91711			
MATERIAL 3		DRAWN <i>L.Dishman</i>		CONNECTOR, RECEPTACLE, JAM NUT, HERMETIC (WITH CRIMP REMOVABLE CONTACTS)			
		CHECKED K. PAYNE					
FINISH 3		REF: BOEING P/N 5M1701--**D**PN		SIZE	CODE IDENT NO.	DRAWING NO.	
				C	34222	77014Y--**D--**PN	
DO NOT SCALE DRAWING				SCALE	~	14155	SHEET 1 OF 2

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10/5/2015 12:48:48 PM, MANUFACTURING RELEASE

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SEE SHEET 1 FOR REVISIONS

HIRELCO PART NUMBER	SHELL SIZE	INSERT ARR	CONTACTS			A	øB	C THD FLAT	øD ±.003	øE ±.010	F THREAD	JAM NUT	O–RING
			QTY	SIZE	TYPE								
77014Y–11D–35PN	11	35	13	22	PIN	1.266 1.234	1.391 1.351	.750	.698	.685	.8125–20UNEF–2A	MS3186C108P	M25988/1–022
77014Y–15D–35PN	15	35	37	22	PIN	1.500	1.625	1.071 1.056	.973	.960	1.125–18UNEF–2A	MS3186C113P	M25988/1–026
77014Y–17D–35PN	17	35	55	22	PIN	1.641 1.609	1.766 1.739	1.186	1.098	1.085	1.250–18UNEF–2A	MS3186C116P	M25988/1–028

ENVELOPE

SEE SHEET 1 FOR NOTES

	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 ±.005						HiREL CONNECTORS INC. 780 W WHARTON DRIVE CLAREMONT CA 91711	
				APPROVALS	DATE	CONNECTOR, RECEPTACLE, JAM NUT, HERMETIC (WITH CRIMP REMOVABLE CONTACTS)	
DRAWN L. DISHMAN		8/28/01					
CHECKED K. PAYNE		8/28/01					
MATERIAL		SEE SHEET 1					
FINISH		SEE SHEET 1				SIZE	CODE IDENT NO. DRAWING NO.
NEXT ASSY		USED ON				C	34222 77014Y–**D–**PN
APPLICATION		DO NOT SCALE DRAWING				SCALE	~ 14156 SHEET 2 OF 2

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