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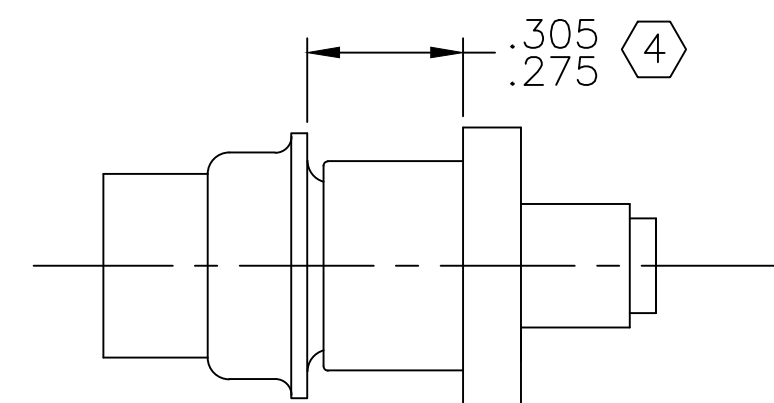
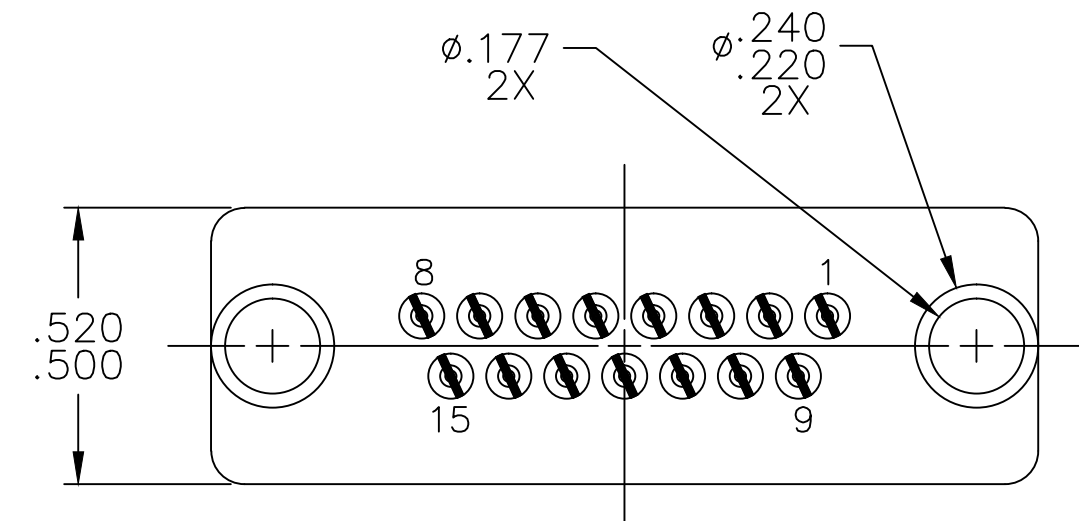
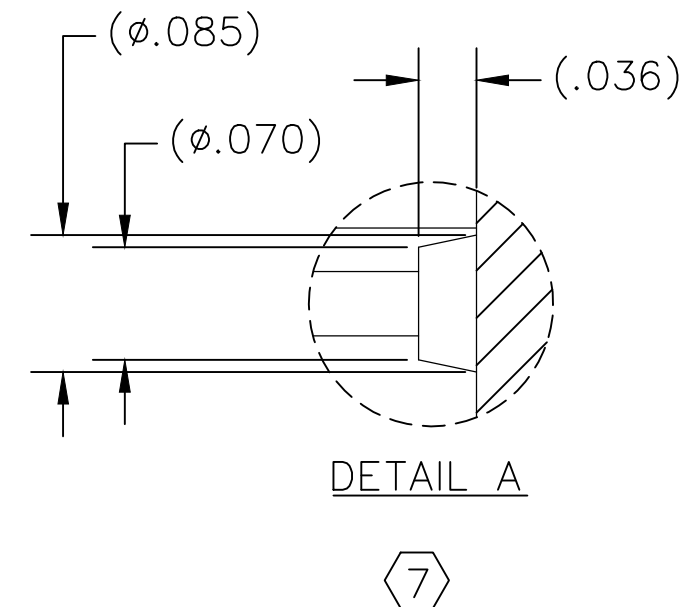
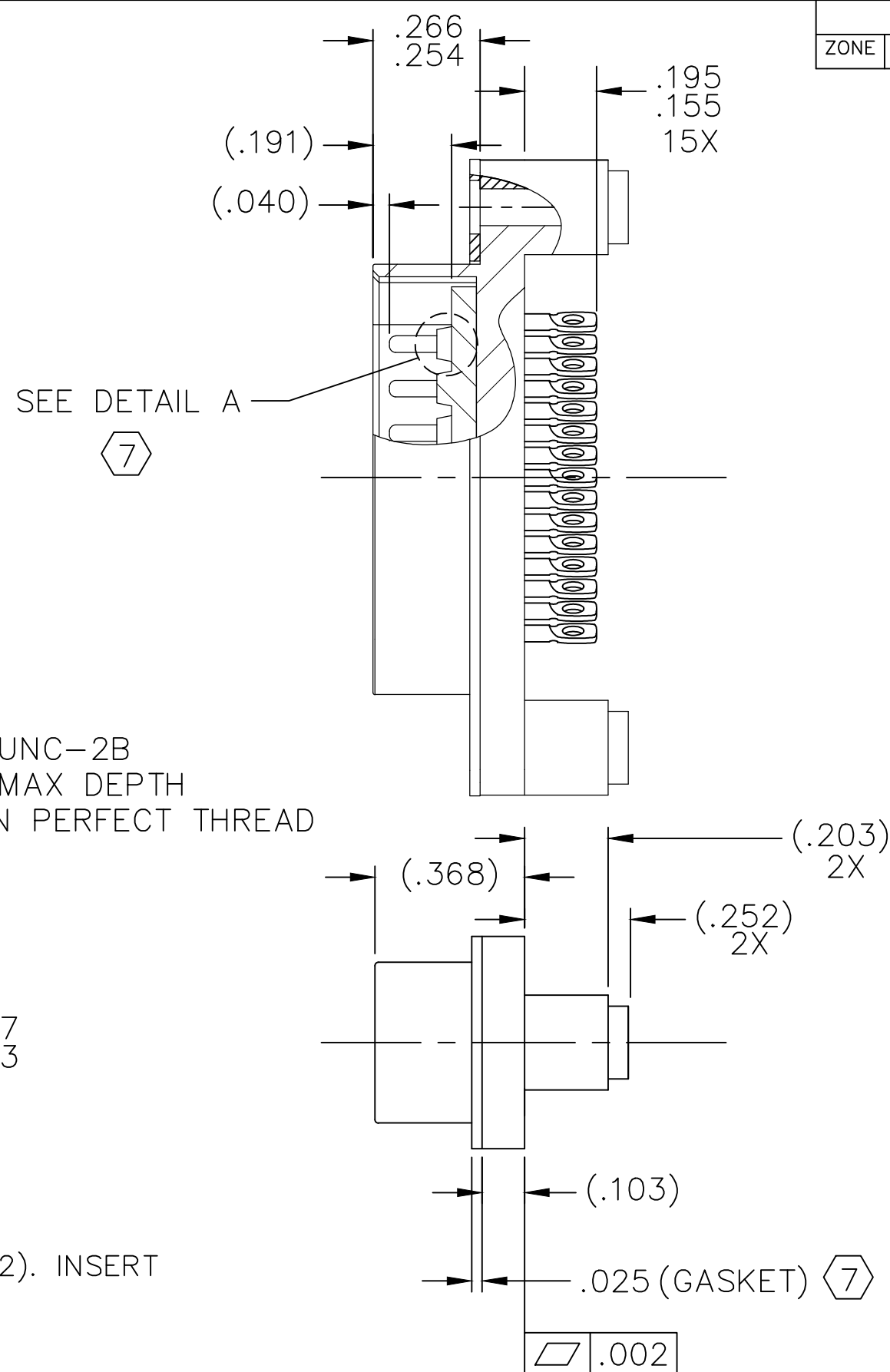
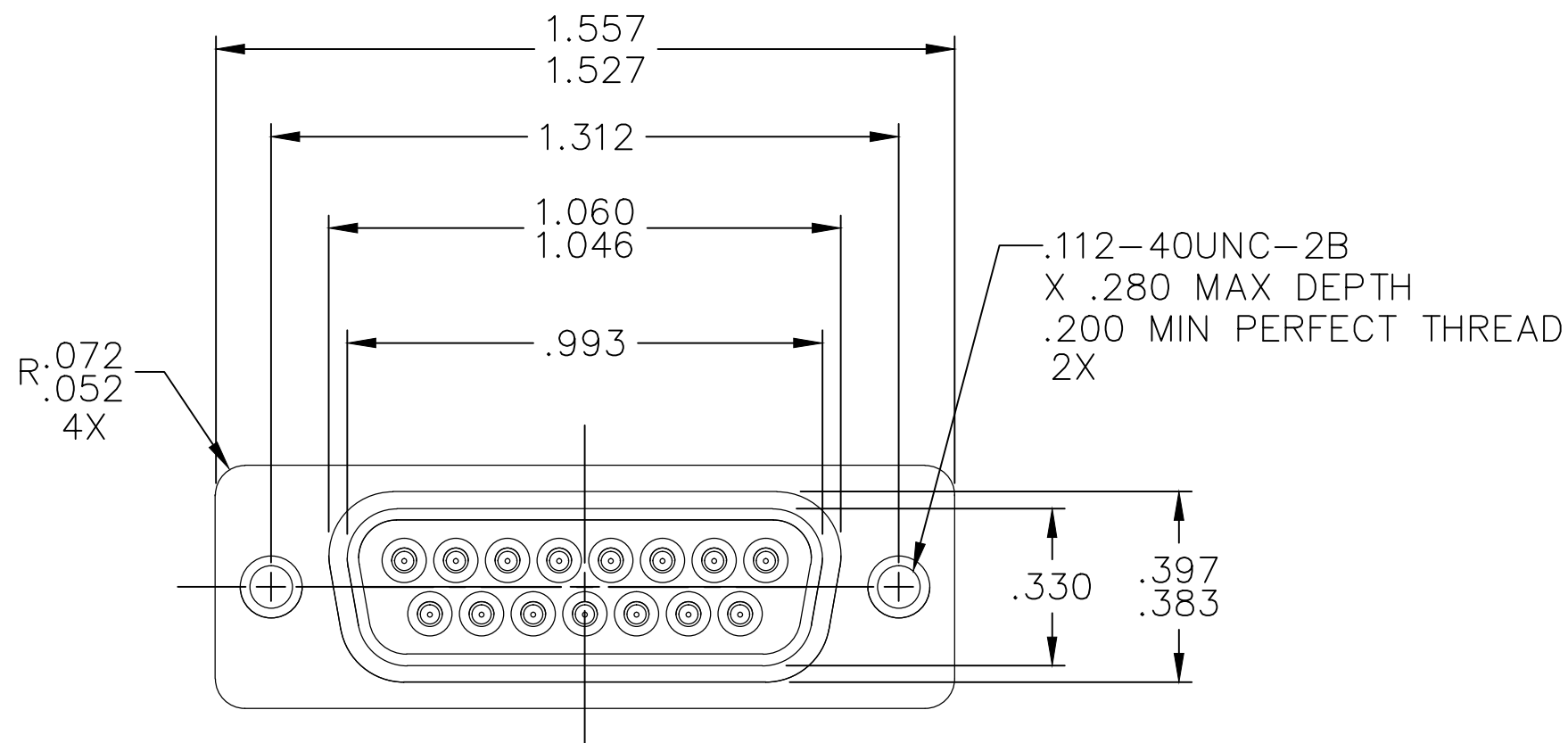
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EAR CONTROLLED PRODUCT

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MATING INFORMATION

NOTES – UNLESS OTHERWISE SPECIFIED:

1. CONNECTOR MATING CONFIGURATION PER MS18272-2 (SHELL SIZE 2). INSERT ARRANGEMENT PER MS18274-1 (15 SIZE 20 PIN CONTACTS).
2. CONNECTOR MATES WITH PN M24308/2-2.
3. MATERIALS AND FINISHES—
SHELL: 304 SST PER AMS-QQ-S-763, ELECTROPOLISH PER HRC 301-02 (HIREL PROCESS).
PINS: ALLOY 52 PER MIL-I-23011, CL 2, ENGAGEMENT SIDE GOLD PLATED PER MIL-DTL-45204, .00005 MIN THK OVER NICKEL PLATE PER AMS-QQ-N-290, CL 2, .00005 MIN THK, OVER COPPER PLATE PER AMS 2418. TERMINATION SIDE TIN LEAD PLATE PER AMS-P-81728, .0003/.0005 THICK OVER NICKEL PLATE PER AMS-QQ-N-290, CL2, .00015/.00025 THICK, OVER COPPER PLATE PER AMS 2418. EYELET DIAMETER SHALL BE .043/.049.
INTERFACIAL SEAL: FLUOROSILICONE PER MIL-R-25988. REF: 0045-1160-000.
GASKET: BUTYL PER RS90071. REF: 0070-218-001.
PIN: INSULATOR: FUSED VITREOUS
4. MATING DIMENSION NOTED MUST BE MAINTAINED TO INSURE PROPER FUNCTION OF INTERFACIAL SEAL PER MIL-DTL-24308.
5. ELECTRICAL CHARACTERISTICS:
DIELECTRIC WITHSTANDING VOLTAGE: 750 VAC
CURRENT RATING: 5 AMPS
6. MOUNTING SCREWS SOLD SEPARATELY.
REF: P/N 0072-303-000, QTY: 2
7. SEALS SHOWN AS BONDED FOR REFERENCE ONLY.
CONNECTORS SHALL NOT BE SENT WITH SEALS BONDED.
8. INTERFACIAL SEAL (P/N 0045-1160-000) OR GASKET (P/N 0070-218-001) CAN BE PURCHASED INDIVIDUALLY.
- | NEXT ASSY | USED ON |
|-------------|---------|
| APPLICATION | |

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 $\pm$ _____ .XX $\pm$ _____ $\pm$ _____ $\pm$ _____ .XXX $\pm$.005		 CONNECTORS, INC. 750 W. WHARTON DRIVE CLAREMONT, CA 91711					
		APPROVALS		DATE		CONNECTOR, PLUG, HERMETIC	
		DRAWN E. SANTOS		10/1/2020			
		REA G. MCWREATH		10/1/2020			
		CHECKED M. DISHMAN		10/1/2020			
MATERIAL							
							
FINISH		REF: MIL-DTL-24308		SIZE	CODE IDENT NO.	DRAWING NO.	
				C	34222	39068-15P-L05	
DO NOT SCALE DRAWING				SCALE	~	43735	SHEET 1 OF 1

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