

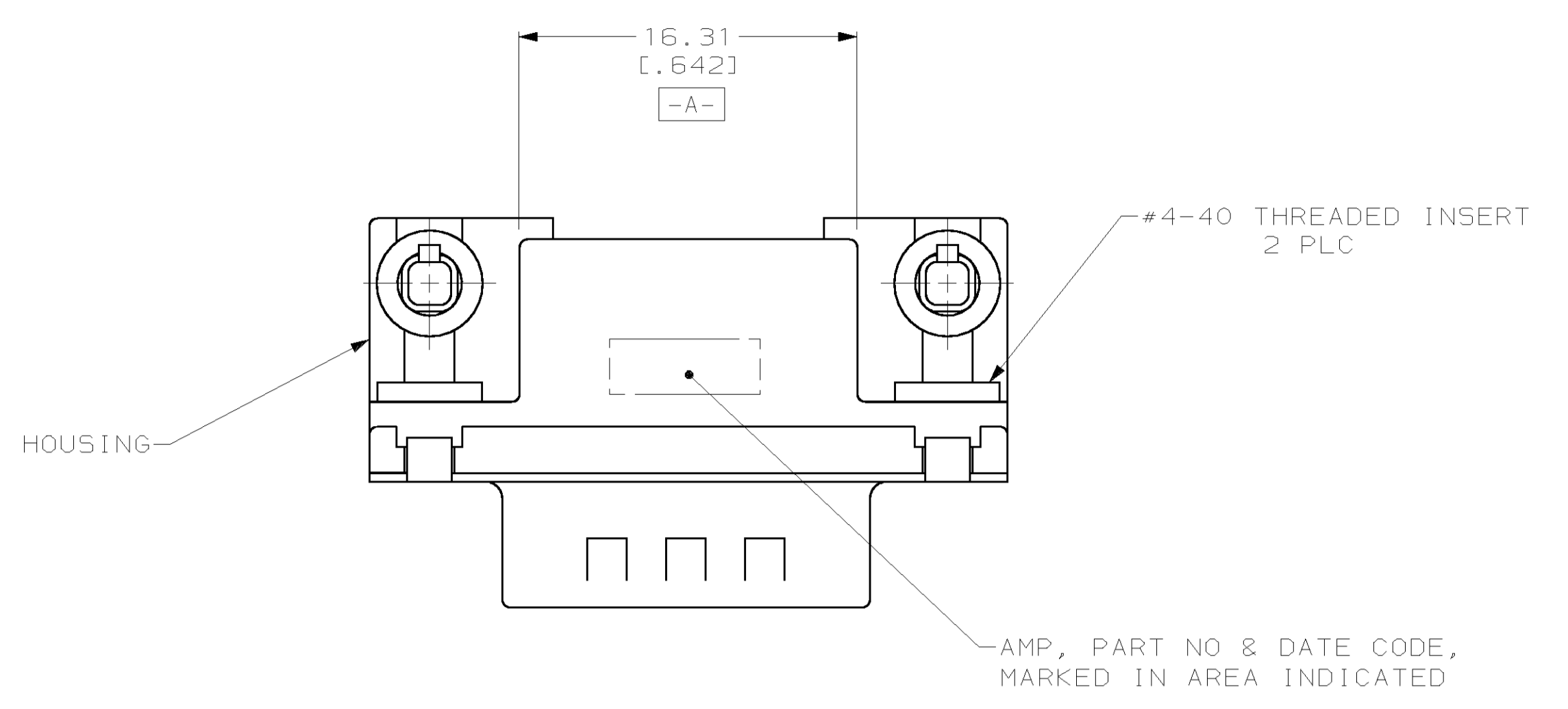
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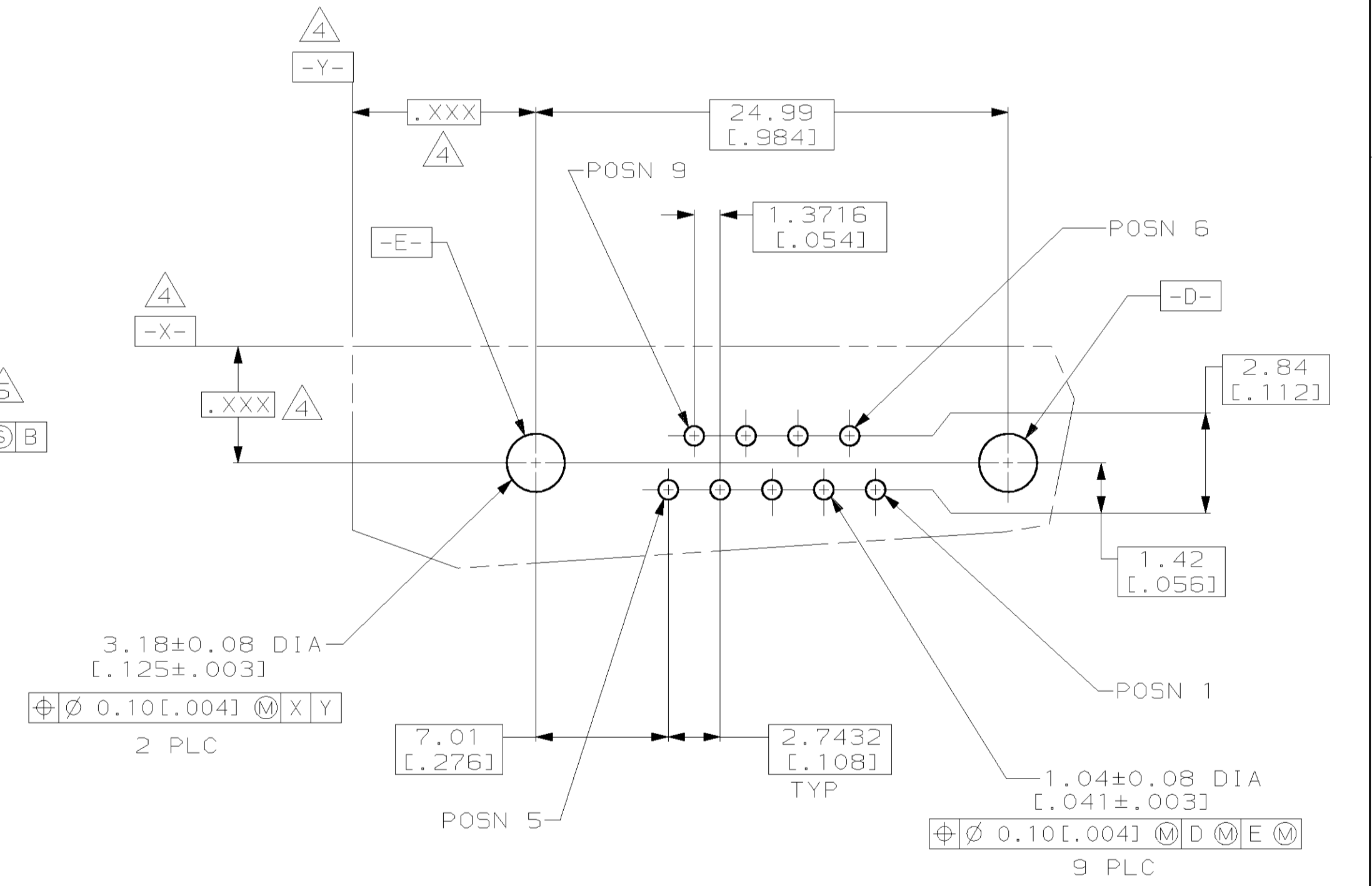
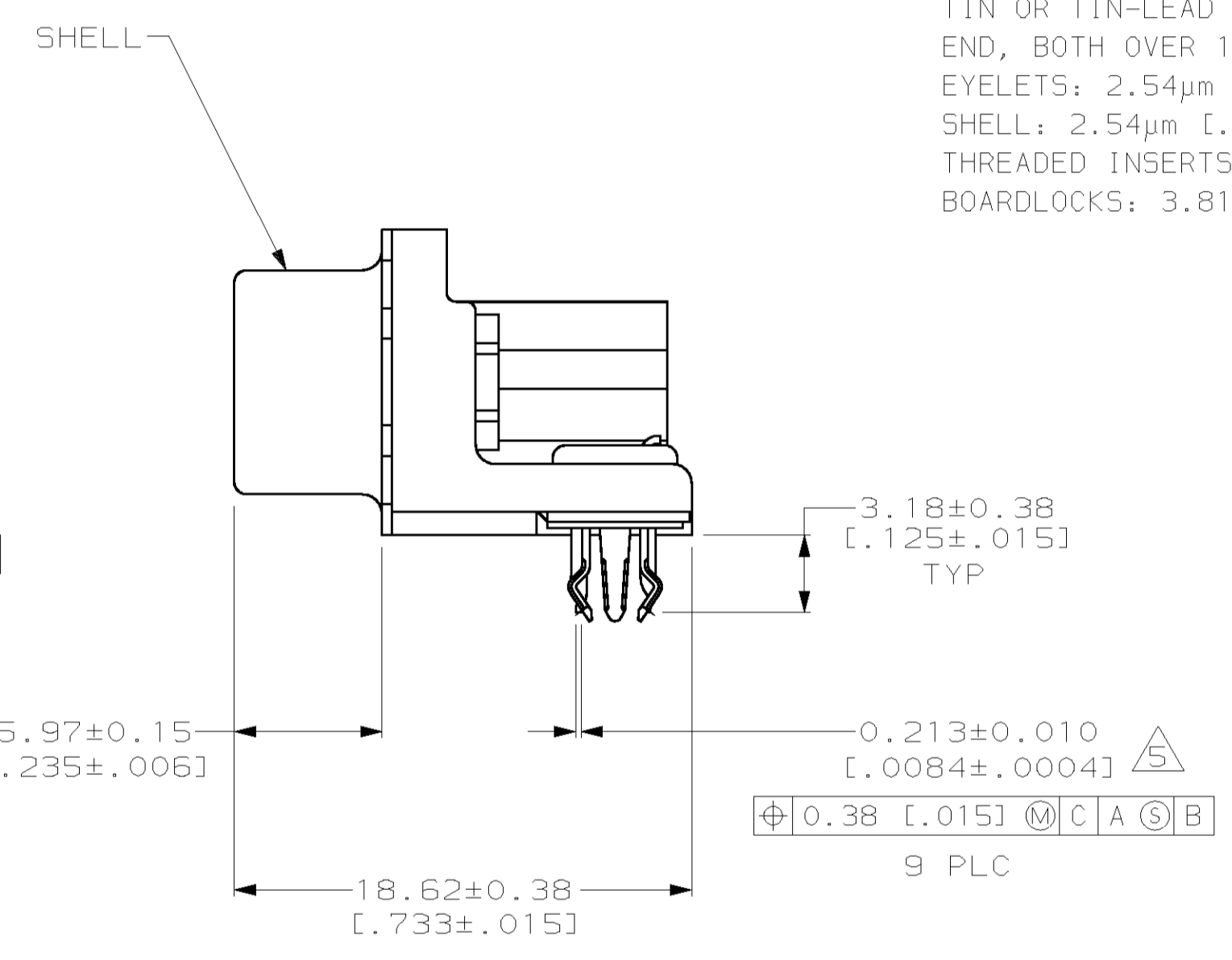
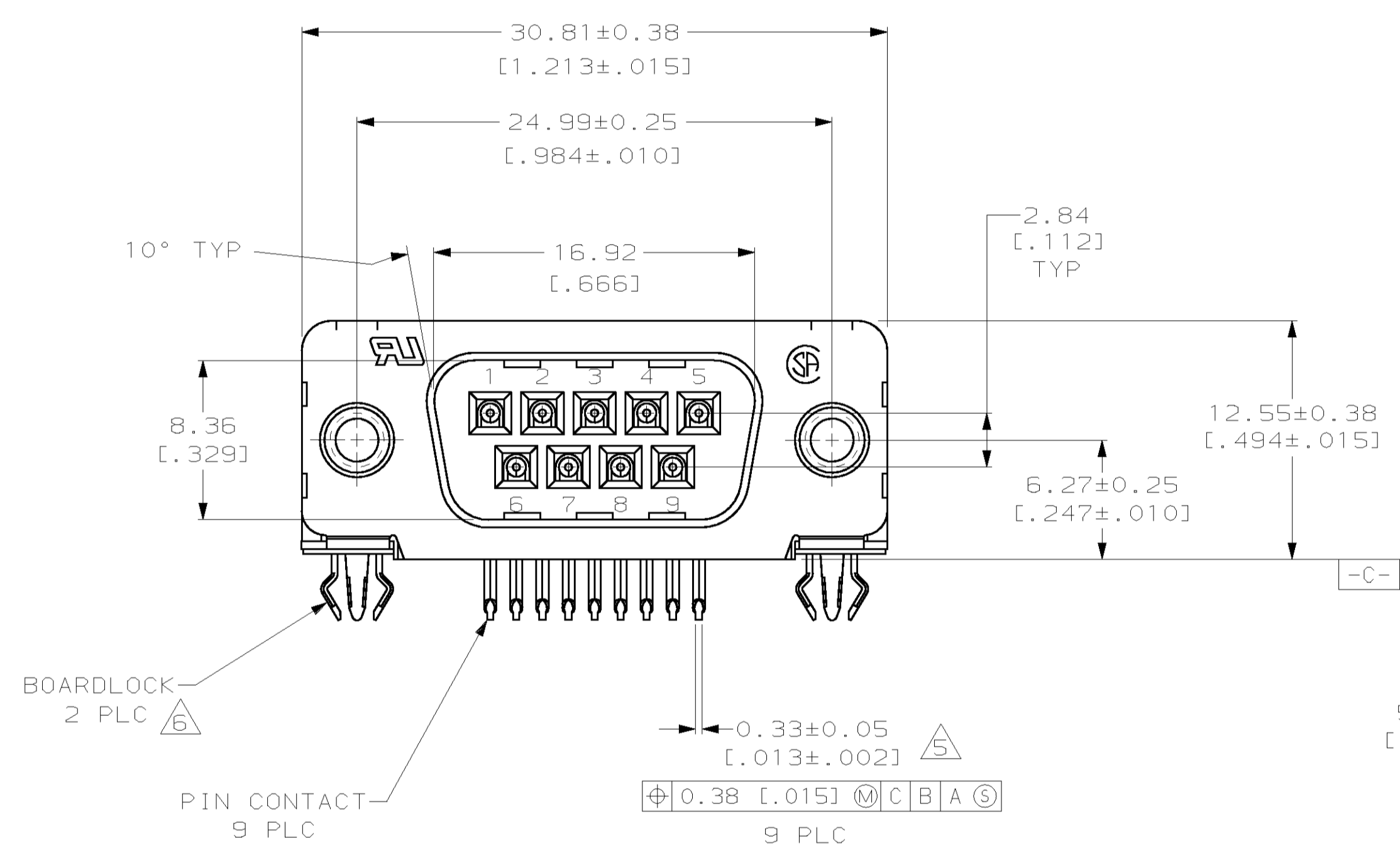
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Jameco Part Number 840051



- △1 HOUSING: NYLON, THERMOPLASTIC, UL 94V0 RATED, BLACK; SHELL: CARBON STEEL PER ASTM A109; PIN CONTACTS: BRASS PER MIL-C-50; EYELETS: BRASS; THREADED INSERTS: ZINC; BOARDLOCKS: COPPER ALLOY.
- △2 PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
EYELETS: 2.54µm [.000100] MIN TIN-LEAD OR TIN OVER COPPER FLASH.
SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
THREADED INSERTS: CLEAR CHROMATE.
BOARDLOCKS: 3.81µm [.000150] MIN TIN-LEAD OVER 1.27µm [.000050] MIN NICKEL.
- △3 PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
EYELETS: 2.54µm [.000100] MIN TIN-LEAD OR TIN OVER COPPER FLASH.
SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
THREADED INSERTS: CLEAR CHROMATE.
BOARDLOCKS: 3.81µm [.000150] MIN TIN-LEAD OVER 1.27µm [.000050] MIN NICKEL.
- △4 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △5 POSITION TOLERANCE APPLIES AT CONTACT TIP.
- △6 BOARDLOCKS WILL ACCEPT .062 MAX PRINTED CIRCUIT BOARD THICKNESS.
- 7. COMPATIBLE WITH TYPICAL HIGH TEMPERATURE SOLDERING APPLICATIONS TO A MAXIMUM OF 225°C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.
- △8 PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
EYELETS: 2.54µm [.000100] MIN TIN-LEAD OR TIN OVER COPPER FLASH.
SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
THREADED INSERTS: CLEAR CHROMATE.
BOARDLOCKS: 3.81µm [.000150] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.



△8	6-788792-7
△3	788792-2
△2	788792-1
FINISH	PART NO

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DIMENSIONS: mm (INCHES)	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.013 (.005) 3 PLC ±.01 4 PLC ±.01 ANGLES ±2°	NAME PLUG ASSEMBLY, SIZE 1, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMIT™ HD-20	SIZE A1
MATERIAL	FINISH	WEIGHT -	CAGE CODE 00779
△1	SEE TABLE	CUSTOMER DRAWING	DRAWING NO C-788792 SCALE 4:1 SHEET 1 OF 1 REV A