

D

C

B

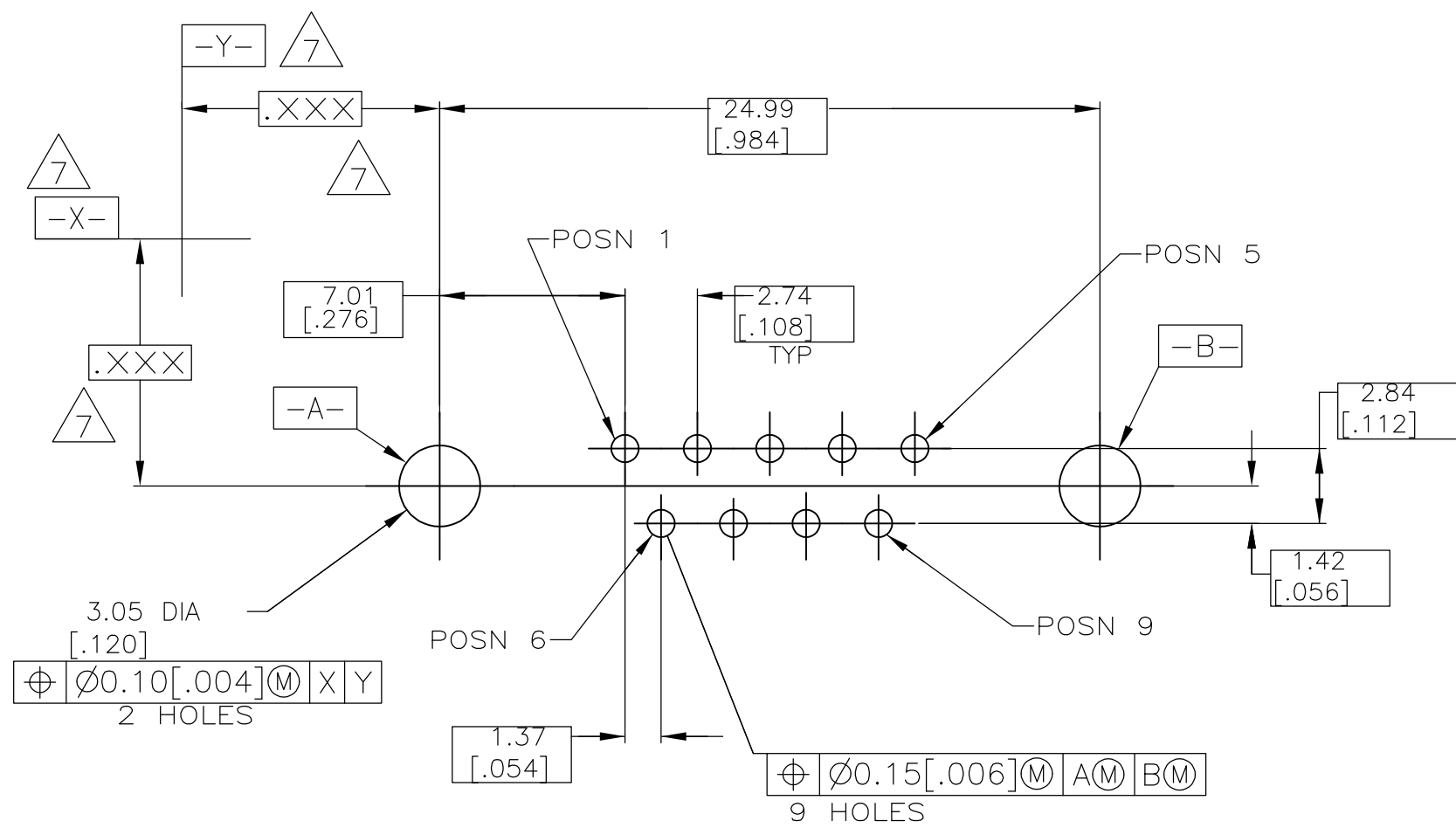
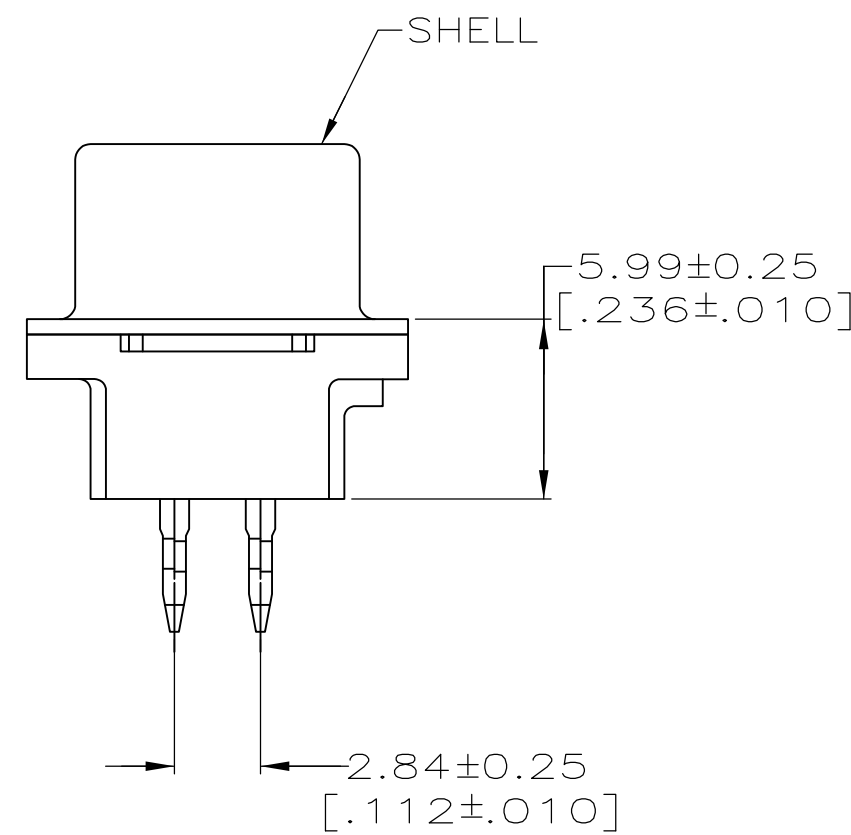
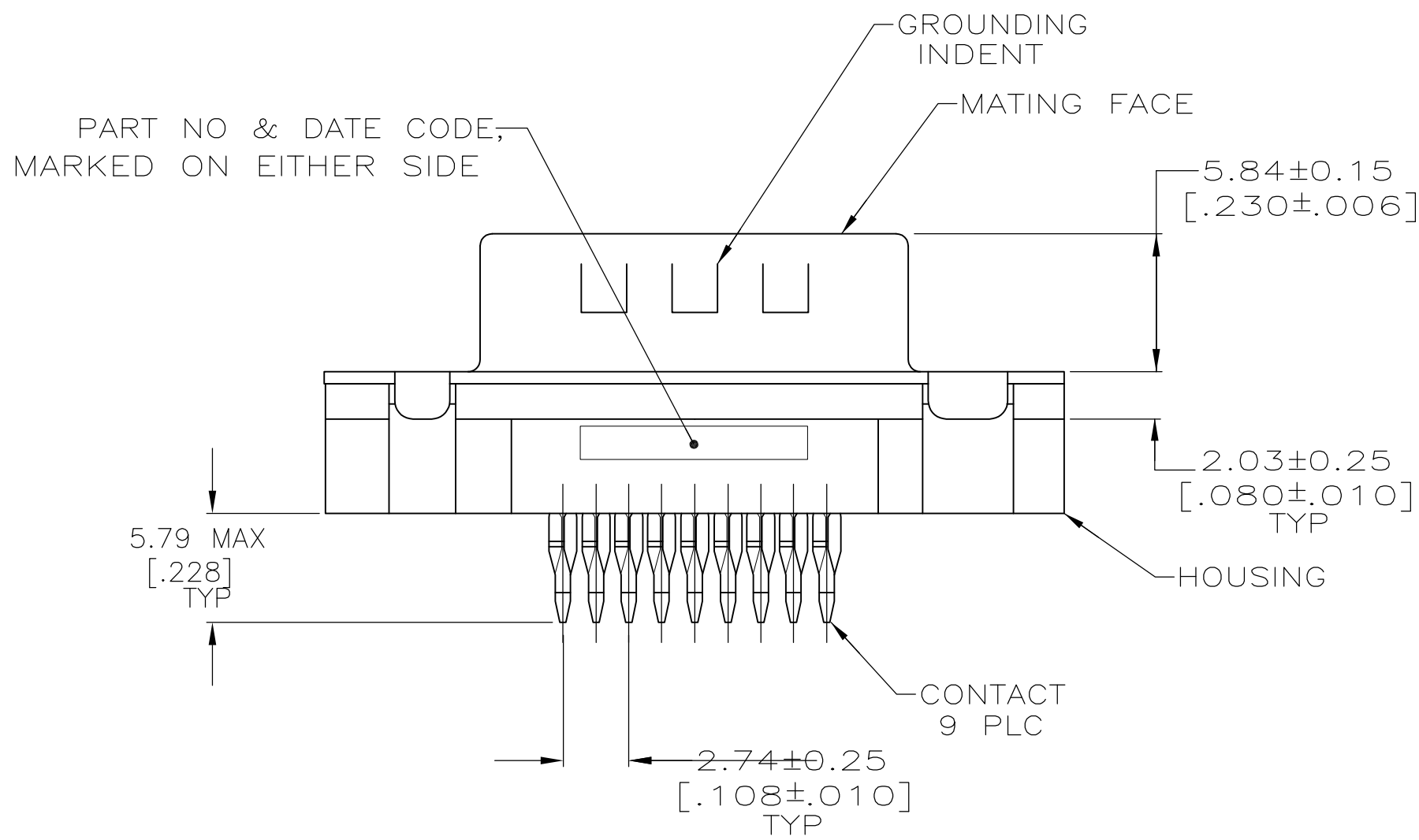
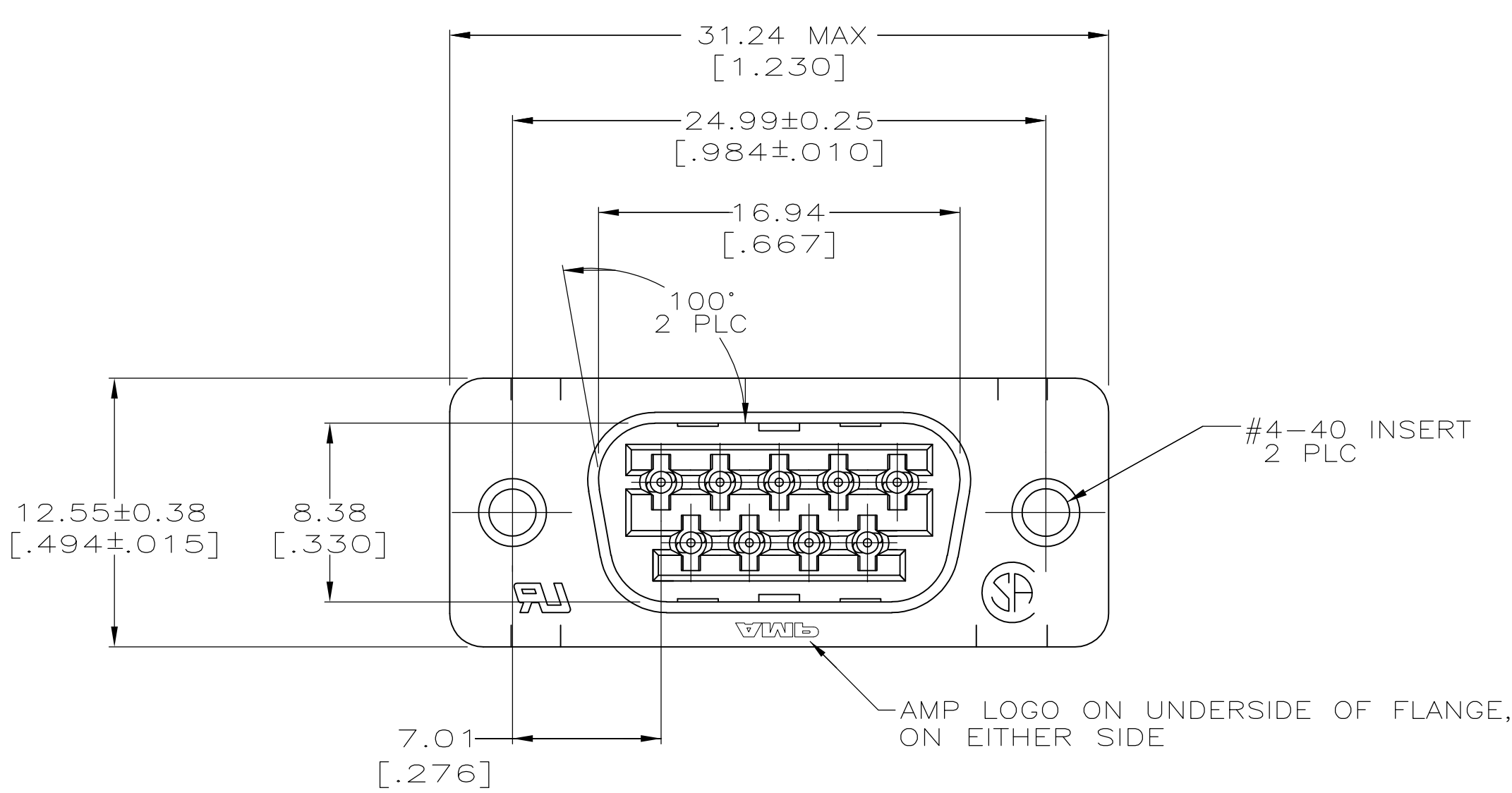
A

D

C

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A



RECOMMENDED PC BOARD LAYOUT ¹
CONNECTOR SIDE OF BOARD

- ¹ RECOMMENDATIONS FOR 2.36 [.093] MIN THICK PC BOARD:
A. HOLE DIAMETER AFTER DRILLING = 1.151±0.025 [.0453±.0010].
B. HOLE DIAMETER AFTER TIN-LEAD PLATING = 0.94 [.037]-1.09 [.043].
C. HOLE DIAMETER AFTER REFLOW = 0.91 [.036]-1.09 [.043].
D. PC BOARD PLATING TO BE 0.76μm [.000300] MIN TIN-LEAD OVER 0.05±0.03 [.002±.001] COPPER
- ² HOUSING: NYLON, UL 94V-0 RATED, BLACK.
- ³ CONTACTS: COPPER ALLOY.
- ⁴ SHELL: CARBON STEEL.
- ⁵ SHELL: 5.08μm [.000200] MIN TIN OVER 2.54μm [.000100] MIN COPPER.
- ⁶ CONTACTS:
0.76 MICRO METERS [.000030] MINIMUM GOLD IN MATING AREA.
2.54 MICRO METERS [.000100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN.
ALL OVER 1.27 MICRO METERS [.000050] MINIMUM NICKEL.
OR
0.76 MICRO METERS [.000030] MINIMUM TOTAL IN MATING AREA.
2.54 MICRO METERS [.000100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN.
ALL OVER 1.27 MICRO METERS [.000050] MINIMUM NICKEL.
- ⁷ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- ⁸ INSERTS: BRASS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN W.G. LENKER 3-24-93	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK R. STONE 4-5-93	NAME M. PERCHERKE 4-6-93	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE 4-6-93	PRODUCT SPEC 108-40014	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.13 [.005] 3 PLC ± - 4 PLC ± - ANGLES ± ± 2°		APPLICATION SPEC 114-40026	SIZE A1	
MATERIAL FINISH		WEIGHT -	CAGE CODE 00779	
CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 1	
		REV D		