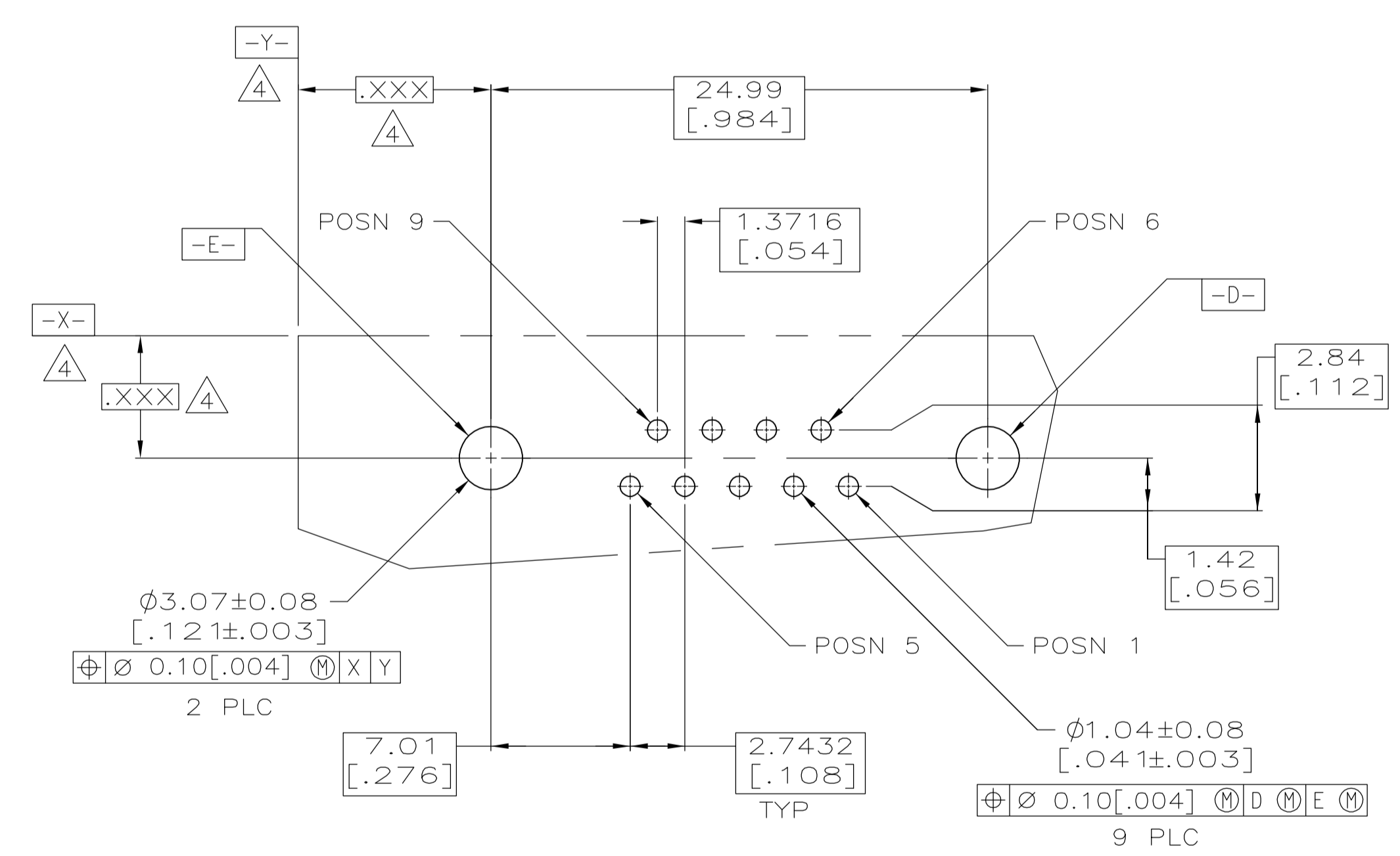


- △ HOUSING: NYLON, THERMOPLASTIC, UL 94VO RATED, BLACK; SHELL: CARBON STEEL; PIN CONTACTS: BRASS; EYELETS: BRASS; SCREWLOCKS: ZINC; BOARDLOCKS: COPPER ALLOY.
- △ PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76μm [.000030] MIN GOLD IN MATED AREA, 2.54μm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL.
-OR-
GOLD FLASH OVER PALLADIUM NICKEL PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76μm [.000030] MIN PALLADIUM NICKEL IN MATED AREA, 2.54μm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL.
EYELETS: 2.54μm [.000100] MIN TIN OVER COPPER FLASH.
SHELL: 2.54μm [.000100] MIN TIN OVER 1.27μm [.000050] MIN COPPER.
SCREWLOCKS: CLEAR CHROMATE.
BOARDLOCKS: 3.81μm [.000150] MIN TIN OVER 1.27μm [.000050] MIN NICKEL.
- △ 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 FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL.
EYELETS: 2.54μm [.000100] MIN TIN OVER COPPER FLASH.
SHELL: 2.54μm [.000100] MIN TIN OVER 1.27μm [.000050] MIN COPPER.
SCREWLOCKS: CLEAR CHROMATE.
BOARDLOCKS: 3.81μm [.000150] MIN TIN OVER 1.27μm [.000050] MIN NICKEL.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ POSITION TOLERANCE APPLIES AT CONTACT TIP.
- △ 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.



△	5788793-2
△	5788793-1
FINISH	PART NUMBER

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN L VARELA - DOCKS 04-11-05		Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		CHK S. BOLASH 04-11-05		Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. WALMSLEY 04-11-05		NAME	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC		PLUG ASSY, SIZE 1, 318 SERIES	
2 PLC ± 0.13 [.005]	3 PLC ± -	APPLICATION SPEC		WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20	
4 PLC ± -	ANGLES ± ±	DRAWING NO		SIZE	
MATERIAL		114-40010		CASE CODE	
FINISH		WEIGHT		DRAWING NO	
SEE TABLE		A1 00779		C=5788793	
CUSTOMER DRAWING		SCALE 4:1		SHEET 1 of 1	
				REV A	