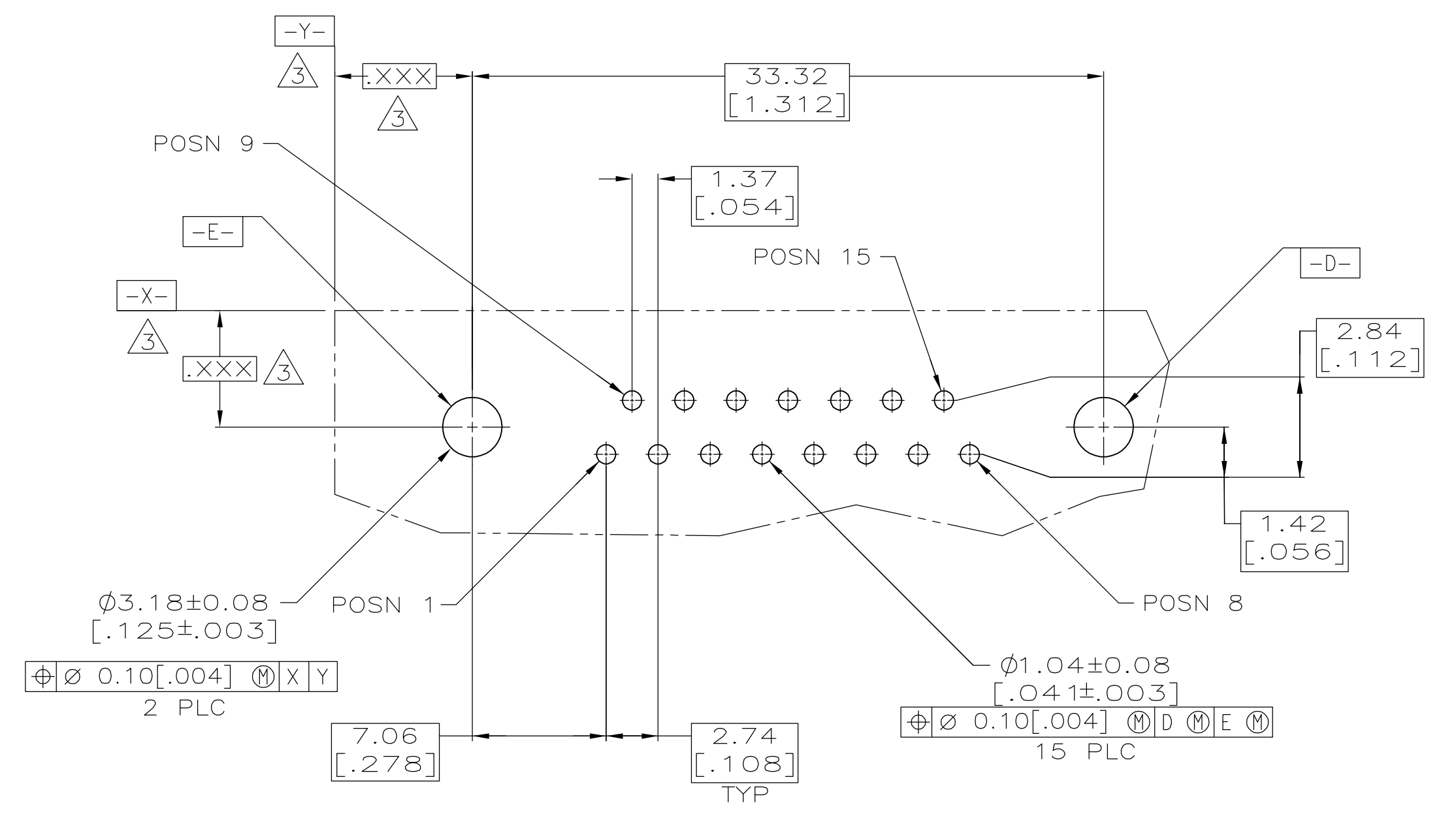


- △ HOUSING & FACE COVER: NYLON, THERMOPLASTIC, UL 94VO RATED, BLACK; SHELL: CARBON STEEL; SOCKET CONTACTS: PHOSPHOR BRONZE; EYELETS: BRASS; SCREWLOCKS: ZINC; BOARDLOCKS: COPPER ALLOY.
- △ SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END, 0.76μm [.000030] MIN GOLD IN MATED AREA, 2.54μm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL. 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.
- 6. COMPATIBLE WITH SOLDERING APPLICATIONS TO A MAXIMUM OF 225° C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.



RECOMMENDED PC BOARD LAYOUT
 1.57 [.062] PC BOARD THICKNESS

5788799-1
 PART NUMBER

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|--|-------------|---------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN J. ALCORTA - DOCK5 04-12-05 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 |
| DIMENSIONS: min [inches] | | CHK S. BOLASH 04-12-05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD M. WALMSLEY 04-12-05 | NAME RCPT ASSEMBLY, SIZE 2, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITETE HD-20 |
| 0 PLC ± | 1 PLC ± | PRODUCT SPEC 108-40025 | SIZE A1 |
| 2 PLC ± 0.13 [005] | 3 PLC ± | APPLICATION SPEC 114-40010 | CAE CODE 00779 |
| 4 PLC ± | ANGLES ± 2' | WEIGHT - | DRAWING NO C=5788799 |
| MATERIAL | FINISH | CUSTOMER DRAWING | RESTRICTED TO - |
| SCALE 4:1 | | | SHEET 1 OF 1 |