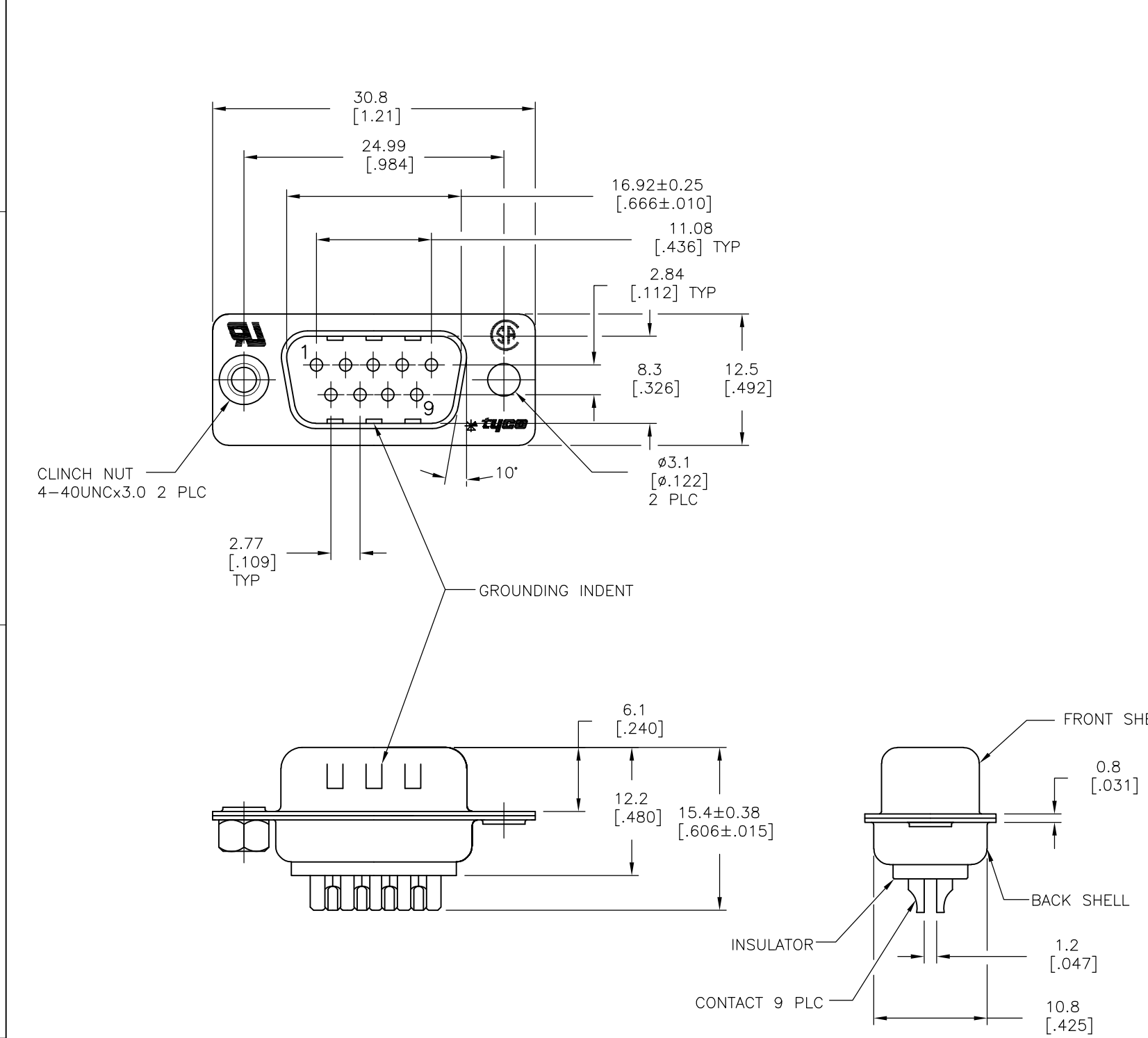


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| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|---------------------------|---------|--------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| BD | 00 | U | REVISED PER ECO-08-025671 | 16OCT08 | HMR JO |



- 1 MATERIAL:
FRONT INSULATOR: PBT, 30 %GF, UL94V-0, BLACK COLOR
BACK INSULATOR: PBT, 30 %GF, UL94V-0, BLACK COLOR
CONTACT: BRASS
FRONT SHELL: STEEL
BACK SHELL: STEEL
CLINCH NUTS: BRASS
- 2 FINISH:
CONTACT: GOLD PLATING 0.00002[.0000008] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-LEAD PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 3 CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-LEAD PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 4 SHELL: TIN 0.0241[.000095] MIN FULL SHELL
- 5 SHELL: BLUE ZINC: 0.00508[.000200] - 0.00762[.000300] OVER ENTIRE SHELL
- 6 CONTACT: GOLD PLATING 0.00002[.0000008] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-COPPER PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 7 CLINCH NUTS: NICKEL PLATING .00305-.00508[.000120-.000200]
- 8 SPECIFICATION
ELECTRICAL CHARACTERISTICS: CURRENT RATING: 3 AMPERES
DIELECTRIC WITHSTANDING VOLTAGE: AC 1000V r.m.s
INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM AT DC 500V
CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM.
- 9 ROHS 2002/95/EC/COMPLIANT
- 10 PLUG ASSEMBLY MATES WITH ANY 9 POSITION RECEPTACLE IN AMPLIMITE SERIES
- 11 SOLDER CUP WILL ACCOMODATE 20 AWG MAX WIRE
- 12 CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229[.000090] MIN TIN-COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING

| | | | | | | |
|---|----------|-----|-----|----|---|------------|
| 9 | STANDARD | NO | NO | 6 | 5 | 5-747904-4 |
| 9 | STANDARD | YES | YES | 6 | 4 | 5-747904-8 |
| 9 | STANDARD | NO | YES | 12 | 4 | 5-747904-5 |
| 9 | STANDARD | NO | YES | 6 | 4 | 5-747904-2 |
| 9 | STANDARD | NO | YES | 6 | 4 | 747904-9 |
| 9 | STANDARD | YES | YES | 2 | 4 | 747904-8 |
| 9 | STANDARD | NO | YES | 3 | 4 | 747904-5 |
| 9 | STANDARD | NO | NO | 2 | 5 | 747904-4 |
| 9 | STANDARD | NO | YES | 2 | 4 | 747904-2 |

| PACKAGING TYPE | CLINCH NUTS | GROUNDING INDENTS | CONTACTS | SHELLS | PART NO. |
|----------------|-------------|-------------------|----------|--------|----------|
| 7 | CLINCH NUTS | GROUNDING INDENTS | CONTACTS | SHELLS | PART NO. |

| | | | | | |
|--|--|------------------------|--|-----------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M.BINNER 03MAR03 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | | |
| DIMENSIONS: mm | | CHK R.BENDORF 05MAR03 | Tyco Electronics | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD R.BENDORF 05MAR03 | NAME | | |
| 0 PLC ± - | | PRODUCT SPEC | PLUG ASSY, SOLDER CUP, SIZE 1, 9 POSN, HD-20, AMPLIMITE | | |
| 1 PLC ± 0.25 | | APPLICATION SPEC | SIZE | CAGE CODE | DRAWING NO |
| 2 PLC ± 0.13 | | — | A3 | 00779 | C-747904 |
| 3 PLC ± 0.05 | | — | RESTRICTED TO | — | |
| 4 PLC ± - | | WEIGHT | — | | |
| ANGLES ± 4° | | CUSTOMER DRAWING | SCALE | SHEET | REV |
| MATERIAL 1 | | SEE TABLE | 2:1 | 1 OF 1 | U |