

| LOC | DIST | REVISIONS |     |                           |         |             |
|-----|------|-----------|-----|---------------------------|---------|-------------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN<br>APVD |
| BD  | 00   |           | T3  | REVISED PER ECO-11-004587 | 11MAR11 | RK<br>HMR   |

D

D

C

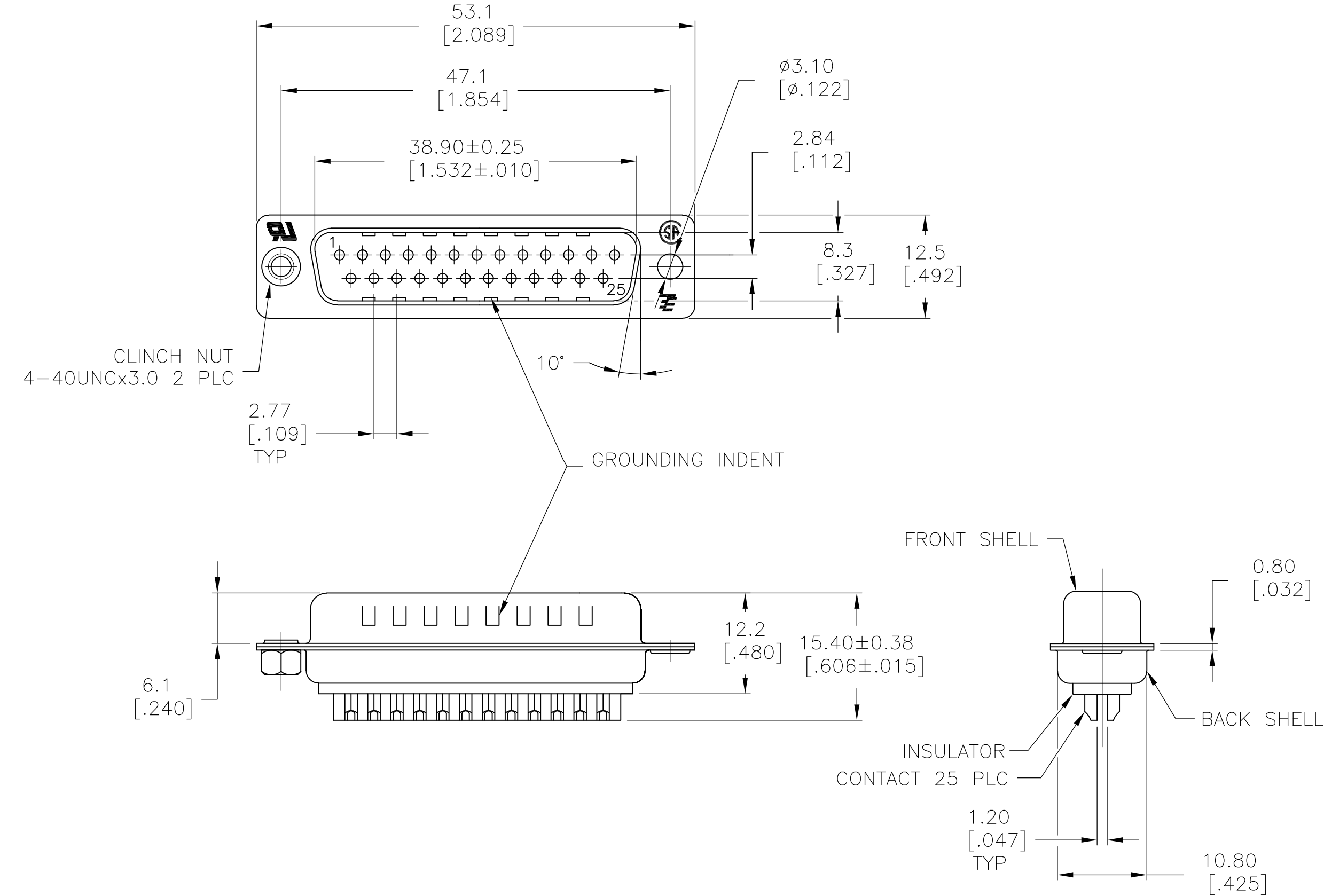
C

B

B

A

A



- 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 25 POSITION RECEPTACLE IN AMPLIMITE SERIES  
SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
- 11

CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229[.000090] MIN TIN-COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING

|                          |              |                |             |                   |               |              |            |
|--------------------------|--------------|----------------|-------------|-------------------|---------------|--------------|------------|
|                          | <div>9</div> | STANDARD       | NO          | NO                | <div>6</div>  | <div>5</div> | 5-747912-4 |
|                          | <div>9</div> | STANDARD       | YES         | YES               | <div>6</div>  | <div>4</div> | 5-747912-7 |
|                          | <div>9</div> | STANDARD       | NO          | YES               | <div>11</div> | <div>4</div> | 5-747912-5 |
|                          | <div>9</div> | STANDARD       | NO          | YES               | <div>6</div>  | <div>4</div> | 5-747912-2 |
| SUPERSEDED TO 5-747912-2 | <div>9</div> | STANDARD       | NO          | YES               | <div>6</div>  | <div>4</div> | 747912-8   |
| SUPERSEDED TO 5-747912-7 |              | STANDARD       | YES         | YES               | <div>2</div>  | <div>4</div> | 747912-7   |
| SUPERSEDED TO 5-747912-5 |              | STANDARD       | NO          | YES               | <div>3</div>  | <div>4</div> | 747912-5   |
| SUPERSEDED TO 5-747912-4 |              | STANDARD       | NO          | NO                | <div>2</div>  | <div>5</div> | 747912-4   |
| SUPERSEDED TO 5-747912-2 |              | STANDARD       | NO          | YES               | <div>2</div>  | <div>4</div> | 747912-2   |
|                          |              | PACKAGING TYPE | CLINCH NUTS | GROUNDING INDENTS | CONTACTS      | SHELLS       | PART NO.   |

|                                                                                       |                                        |                             |                              |                                                                                                       |                                                                         |  |           |       |            |     |               |       |   |        |  |     |  |    |  |
|---------------------------------------------------------------------------------------|----------------------------------------|-----------------------------|------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--|-----------|-------|------------|-----|---------------|-------|---|--------|--|-----|--|----|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                        | DWN<br>M.BINNER<br>03MAR03  |                              |  TE Connectivity |                                                                         |  |           |       |            |     |               |       |   |        |  |     |  |    |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |                                        | CHK<br>R.BENDORF<br>05MAR03 |                              |                                                                                                       |                                                                         |  |           |       |            |     |               |       |   |        |  |     |  |    |  |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |                             | APVD<br>R.BENDORF<br>05MAR03 |                                                                                                       | NAME<br>PLUG ASSEMBLY, SOLDER CUP, SIZE 3, 25 POSN,<br>HD-20, AMPLIMITE |  |           |       |            |     |               |       |   |        |  |     |  |    |  |
|                                                                                       |                                        |                             | PRODUCT SPEC                 |                                                                                                       |                                                                         |  |           |       |            |     |               |       |   |        |  |     |  |    |  |
|                                                                                       |                                        |                             | APPLICATION SPEC             |                                                                                                       | SIZE                                                                    |  | CAGE CODE |       | DRAWING NO |     | RESTRICTED TO |       |   |        |  |     |  |    |  |
|                                                                                       | MATERIAL                               |                             | FINISH                       |                                                                                                       | WEIGHT                                                                  |  | A2        |       | 00779      |     | C-747912      |       | — |        |  |     |  |    |  |
|  |                                        | SEE TABLE                   |                              | CUSTOMER DRAWING                                                                                      |                                                                         |  |           | SCALE |            | 2:1 |               | SHEET |   | 1 of 1 |  | REV |  | T3 |  |