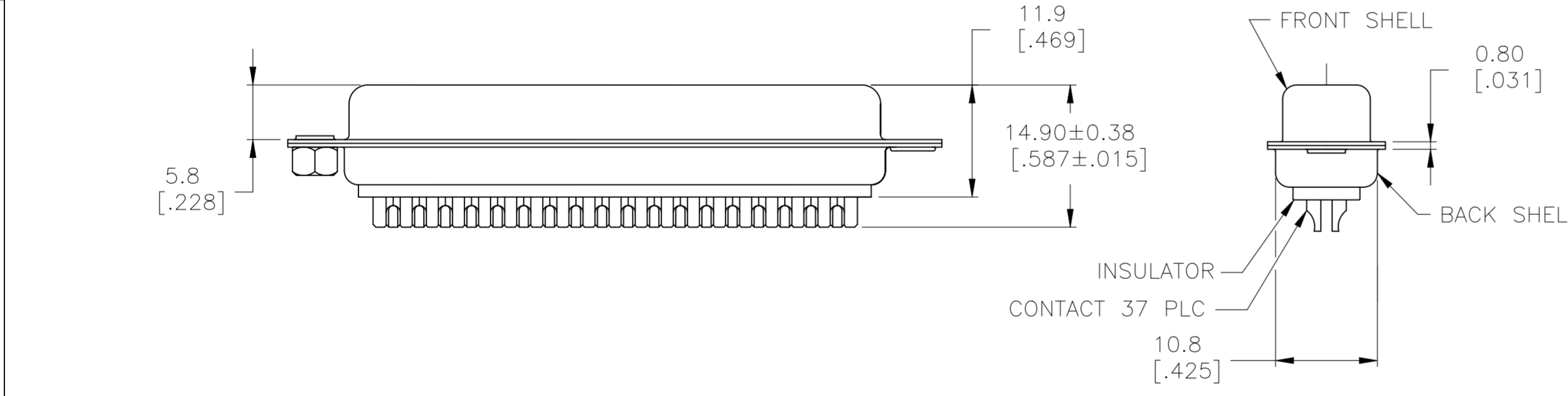
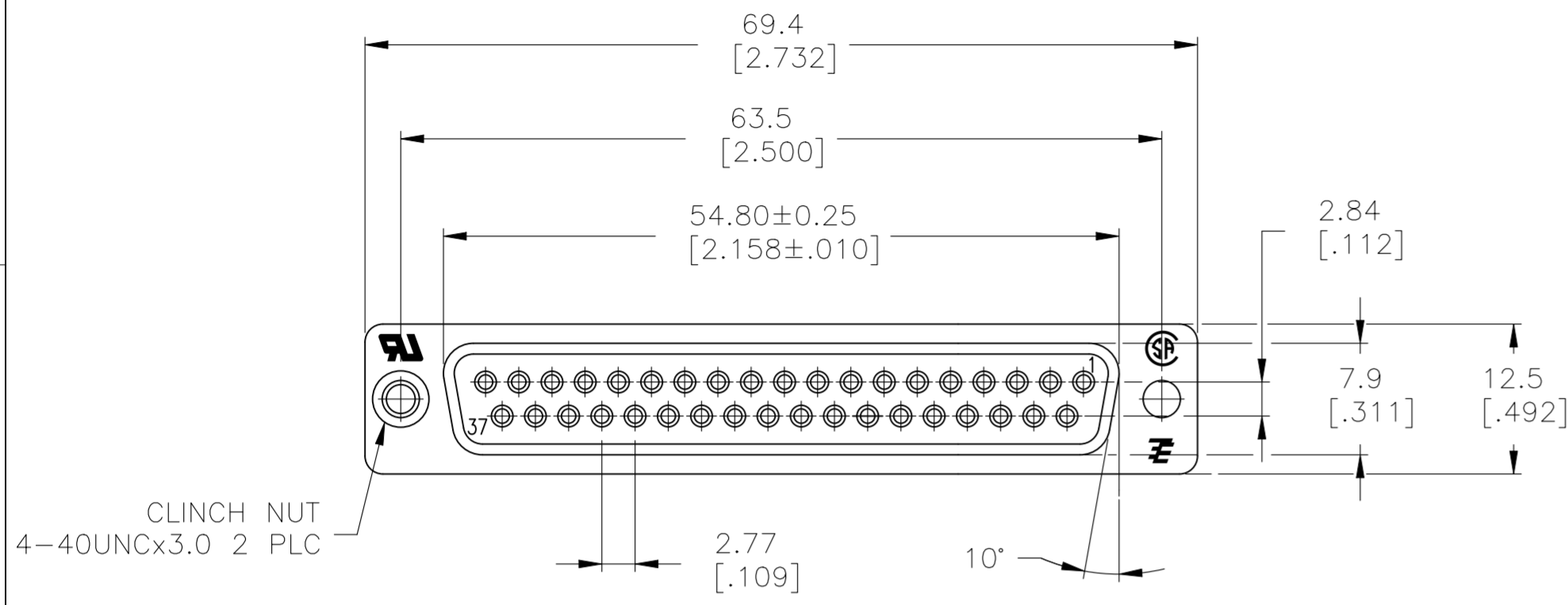


| REVISIONS | | | | | |
|-----------|-----|---------------------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| V1 | | REVISED PER ECN-26-381559 | 24DEC2025 | AP | SKN |

- 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: BRIGHT TIN 0.00241[.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 HOT DIPPED 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 RECEPTACLE ASSEMBLY MATES WITH ANY 37 POSITION PLUG IN AMPLIMITE SERIES
- 11 SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
- 12 CONTACT: GOLD PLATING 0.00076[.000030] MIN OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.00076[.000030] MIN ON CONTACT AREA 0.00229[.000090] MIN HOT DIPPED TIN-COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING



| REVISION | DESCRIPTION | DATE | DWN | APVD | PART NO. |
|----------|----------------|------|-------------|--------|------------|
| 9 | OBsolete | | | | 5-747917-4 |
| 9 | STANDARD | | | | 5-747917-6 |
| 9 | STANDARD | | | | 5-747917-5 |
| 9 | STANDARD | | | | 5-747917-2 |
| 9 | STANDARD | | | | 747917-7 |
| 9 | STANDARD | | | | 747917-6 |
| 9 | STANDARD | | | | 747917-5 |
| 9 | STANDARD | | | | 747917-4 |
| 9 | STANDARD | | | | 747917-2 |
| | PACKAGING TYPE | | CLINCH NUTS | | |
| | | | CONTACTS | SHELLS | PART NO. |

| | | | | | |
|--|--------------|-------------------------------|--|-----------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009 | | DWN M. BINNER 04MAR03 | | | |
| DIMENSIONS: mm [INCHES] | | CHK R. BENDORF 05MAR03 | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD R. BENDORF 05MAR03 | NAME RECEPTACLE ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSN, HD-20, AMPLIMITE | | |
| 0 PLC ± - | 1 PLC ± 0.25 | PRODUCT SPEC | DRAWING NO | | |
| 2 PLC ± 0.13 | 3 PLC ± 0.05 | APPLICATION SPEC | SIZE | CAGE CODE | RESTRICTED TO |
| 4 PLC ± - | ANGLES ± 4° | WEIGHT | A2 | 00779 | |
| MATERIAL | FINISH | CUSTOMER DRAWING | SCALE | SHEET | REV |
| 1 | SEE TABLE | | 2:1 | 1 of 1 | V1 |