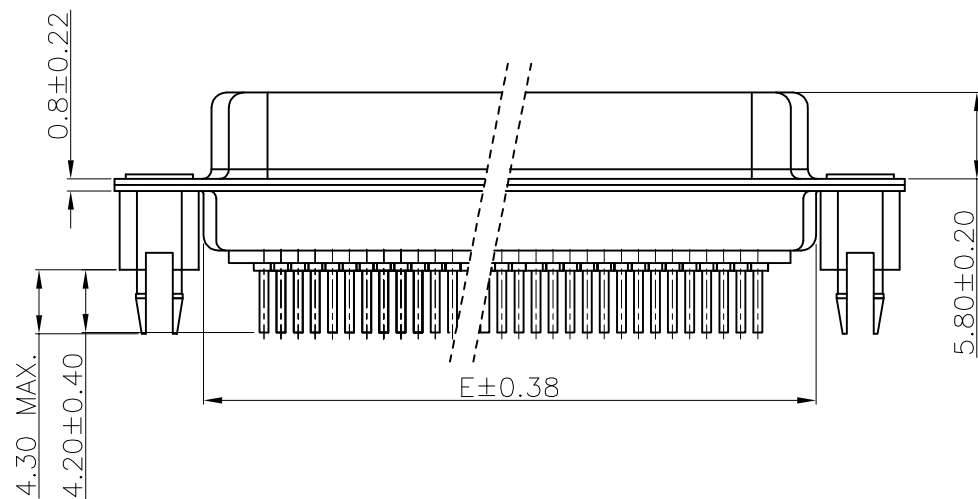
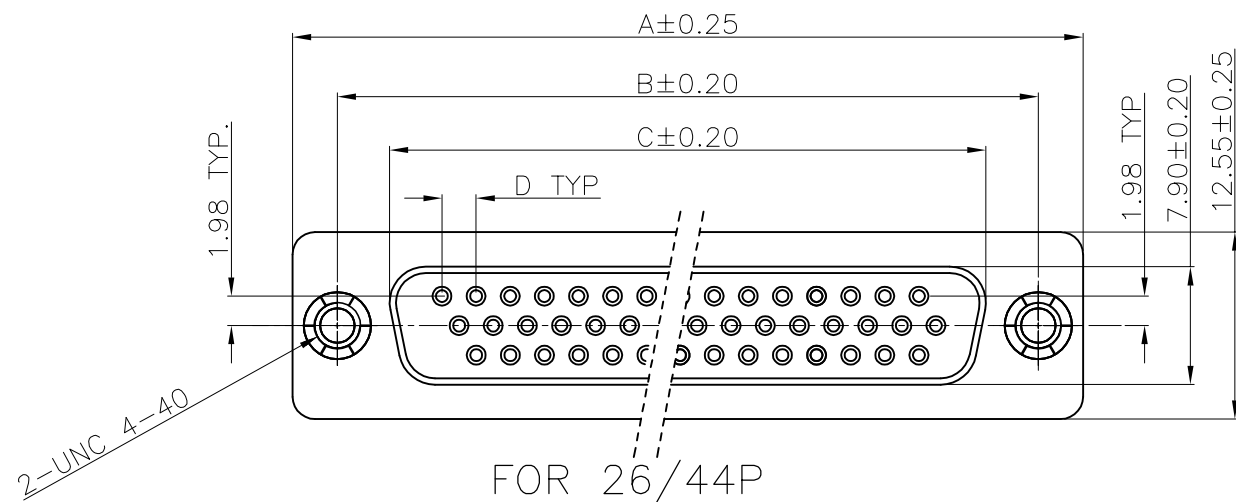


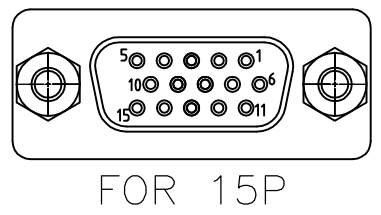
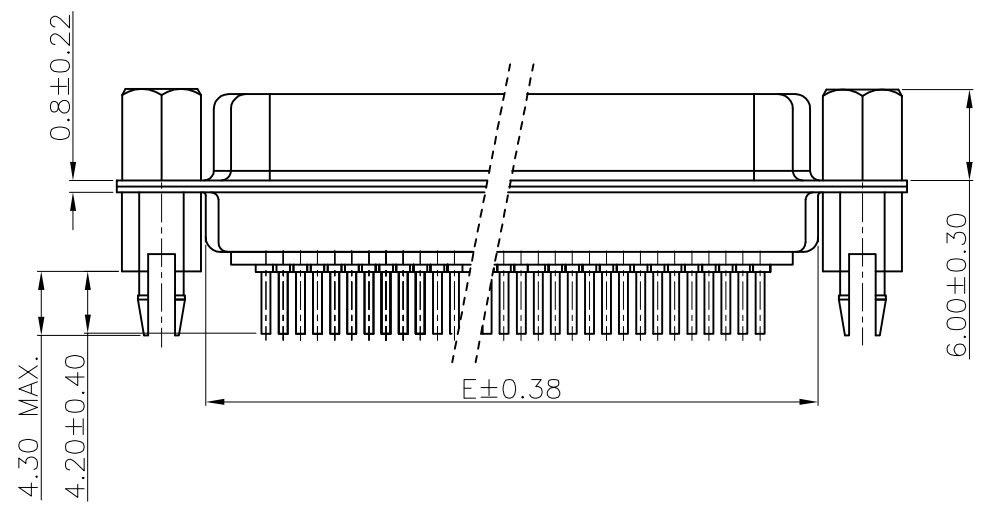
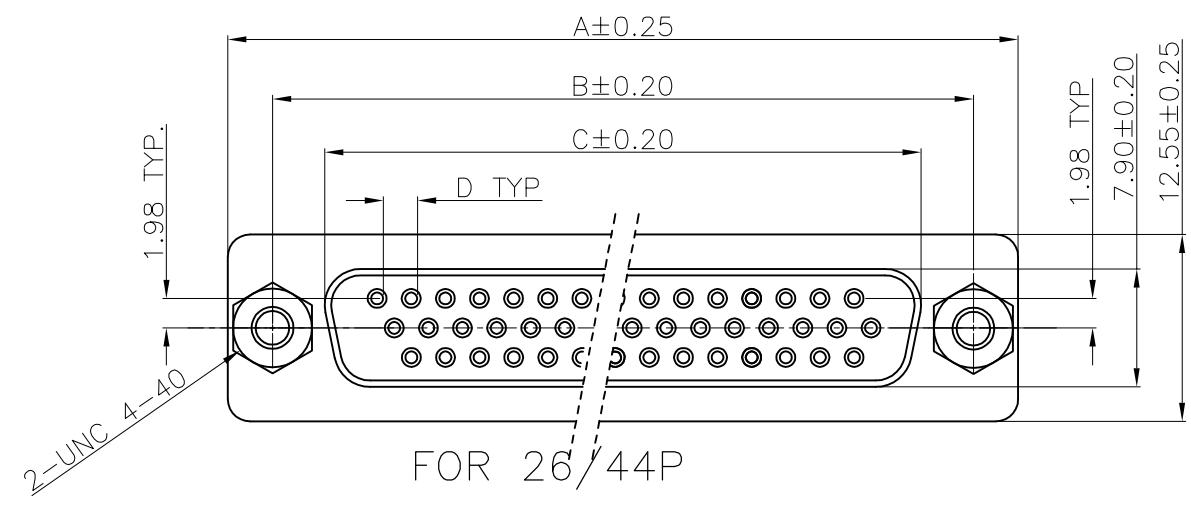
10090929-S XX X X LF  
SERIES NO. TYPE  
S: SOCKET PBT (FEMALE)  
H: SOCKET PA9T (FEMALE)  
(See Note 3)  
NUMBER OF CONTACTS  
15: 15-PIN  
26: 26-PIN  
44: 44-PIN  
LF: ROHS COMPLIANT  
FLANGE MOUNTING OPTION  
X: UNC #4-40 CLINCHNUTS  
CONTACT FINISH  
4: FLASH GOLD  
6: 30u" GOLD

| POS. | PART NO.         | THREAD TYPE |
|------|------------------|-------------|
| 15   | 10090929-*15*XLF | UNC #4-40   |
| 26   | 10090929-*26*XLF | UNC #4-40   |
| 44   | 10090929-*44*XLF | UNC #4-40   |

| POS. | A     | B     | C     | D    | E     |
|------|-------|-------|-------|------|-------|
| 15   | 30.81 | 24.99 | 16.33 | 2.29 | 19.10 |
| 26   | 39.24 | 33.32 | 24.66 | 2.29 | 27.75 |
| 44   | 53.04 | 47.04 | 38.38 | 2.29 | 41.30 |

|             |             |    |            |                                       |                  |            |                               |  |  |  |
|-------------|-------------|----|------------|---------------------------------------|------------------|------------|-------------------------------|--|--|--|
| mat'l. code |             |    |            | surface                               | tolerance        | projection | product family                |  |  |  |
| -           |             |    |            | ISO 1302                              | ISO 406 ISO 1101 |            | D-SUB                         |  |  |  |
| ltr         | ecn no      | dr | date       | tolerances unless otherwise specified |                  | MM         | title                         |  |  |  |
| A           | T09-1156    | JH | 12/10/09   | angles                                | linear           |            | H/D D-SUB FEMALE STRAIGHT     |  |  |  |
| B           | T10-0164    | JH | 10/19/10   |                                       |                  |            |                               |  |  |  |
| C           | ELX-I-15500 | AB | 2013/08/21 | 0°±2°                                 |                  | scale 2:1  | dwg no                        |  |  |  |
| D           | ELX-I-18426 | AB | 2014/07/29 | dr                                    | JASON HSU        | 12/10/09   | sheet 1 of 3                  |  |  |  |
| E           | ELX-I-20972 | AB | 2015/05/30 | engr                                  | MITHUN PAUL      | 2016/04/27 | 10090929                      |  |  |  |
| F           | ELX-I-24092 | MP | 2016/05/13 | chr                                   | GREGAR MATHEW    | 2019/08/22 | type Product Customer Drawing |  |  |  |
| G           | ELX-I-34650 | GM | 2019/08/22 | appd                                  | SANOJ P K        | 2019/08/22 |                               |  |  |  |
| sheet       | revision    | G  | G          |                                       |                  |            |                               |  |  |  |
| index       | sheet       | 1  | 2          | 3                                     |                  |            |                               |  |  |  |

- NOTES:
- CHARACTERISTICS:  
RATED VOLTAGE: 250V  
RATED CURRENT: 2.5AMP  
CONTACT RESISTANCE: 25mohms MAX. INITIAL,  
40mohms MAX. AFTER.  
INSULATION RESISTANCE: 5000Mohms MIN. at 500V DC  
DIELECTRIC STRENGTH: 750VRMS  
OPERATING TEMPERATURE RANGE: -55° C~105° C  
INSERTION/EXTRACTION FORCE PER CONTACT: 5N Max./0.2N Min.  
MATING/UNMATING CYCLES: 200MATINGS MIN FOR GOLD-FLASH  
500MATINGS MIN FOR 30u" GOLD.
  - MATERIAL:  
INSULATORS: THERMOPLASTIC G.F(UL94V-0) BLACK  
CONTACTS: COPPER ALLOY, GOLD(G/F or 30u") TOP OVER CONTACT  
AREA, 100u" Min MATTE TIN TOP OVER SOLDER AREA,  
50u" Min NICKEL UNDER PLATE.  
SHELL: CARBON STEEL, 100u" Min NICKEL TOP OVER,  
50u" Min COPPER UNDER PLATE.  
HARPOON: COPPER ALLOY , 100u" Min MATTE TIN PLATED.
  - Process conditions for soldering  
For H type:  
The housing will withstand exposure to 260° C peak temperature for 10 seconds maximum in a wave soldering application  
For S Type:  
The housing will withstand exposure to 205° C peak temperature for 5 seconds maximum in a wave soldering application
  - PART NUMBER DESCRIPTION:



REMARK:

1. CHARACTERISTICS:

RATED VOLTAGE: 250V

RATED CURRENT: 2.5AMP

CONTACT RESISTANCE: 25mohms MAX. INITIAL,  
40mohms MAX. AFTER.

INSULATION RESISTANCE: 5000Mohms MIN.at 500V DC

DIELECTRIC STRENGTH: 750VRMS

OPERATING TEMPERATURE RANGE: -55° C~105° C

INSERTION/EXTRACTION FORCE PER CONTACT: 5N Max./0.2N Min.

MATING/UNMATING CYCLES: 200MATINGS MIN FOR GOLD-FLASH  
500MATINGS MIN FOR 30u" GOLD.

2. MATERIAL:

INSULATORS: THERMOPLASTIC G.F(UL94V-0) BLACK

CONTACTS: COPPER ALLOY,GOLD(G/F or 30U") TOP OVER CONTACT AREA,100u" Min MATTE TIN TOP OVER SOLDER AREA, 50u" Min NICKEL UNDER PLATE.

SHELL: CARBON STEEL,100u" Min NICKEL TOP OVER, 50u" Min COPPER UNDER PLATE.

HARPOON: COPPER ALLOY , 100u" Min MATTE TIN PLATED.

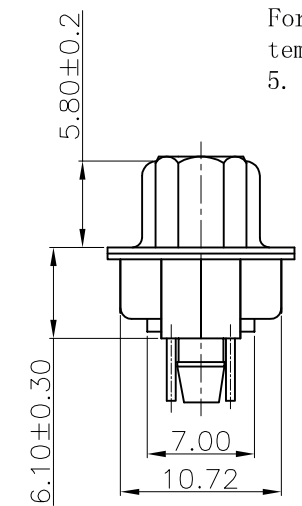
NUT: COPPER ALLOY , 50u" Min NICKEL PLATED.

3. Process conditions for soldering

For H type:The housing will withstand exposure to 260° C peak temperature for 10 seconds maximum in a wave soldering application

For S Type: The housing will withstand exposure to 205° C peak temperature for 5 seconds maximum in a wave soldering application

5. PART NUMBER DESCRIPTION:



10090929-S XX X V LF

SERIES NO. \_\_\_\_\_

TYPE \_\_\_\_\_

S: SOCKET (FEMALE)  
H: SOCKET PAST (FEMALE)  
(See Note 3)

NUMBER OF CONTACTS \_\_\_\_\_

15: 15-PIN  
26: 26-PIN  
44: 44-PIN

LF: ROHS COMPLIANT

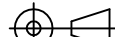
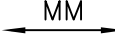
FLANGE MOUNTING OPTION

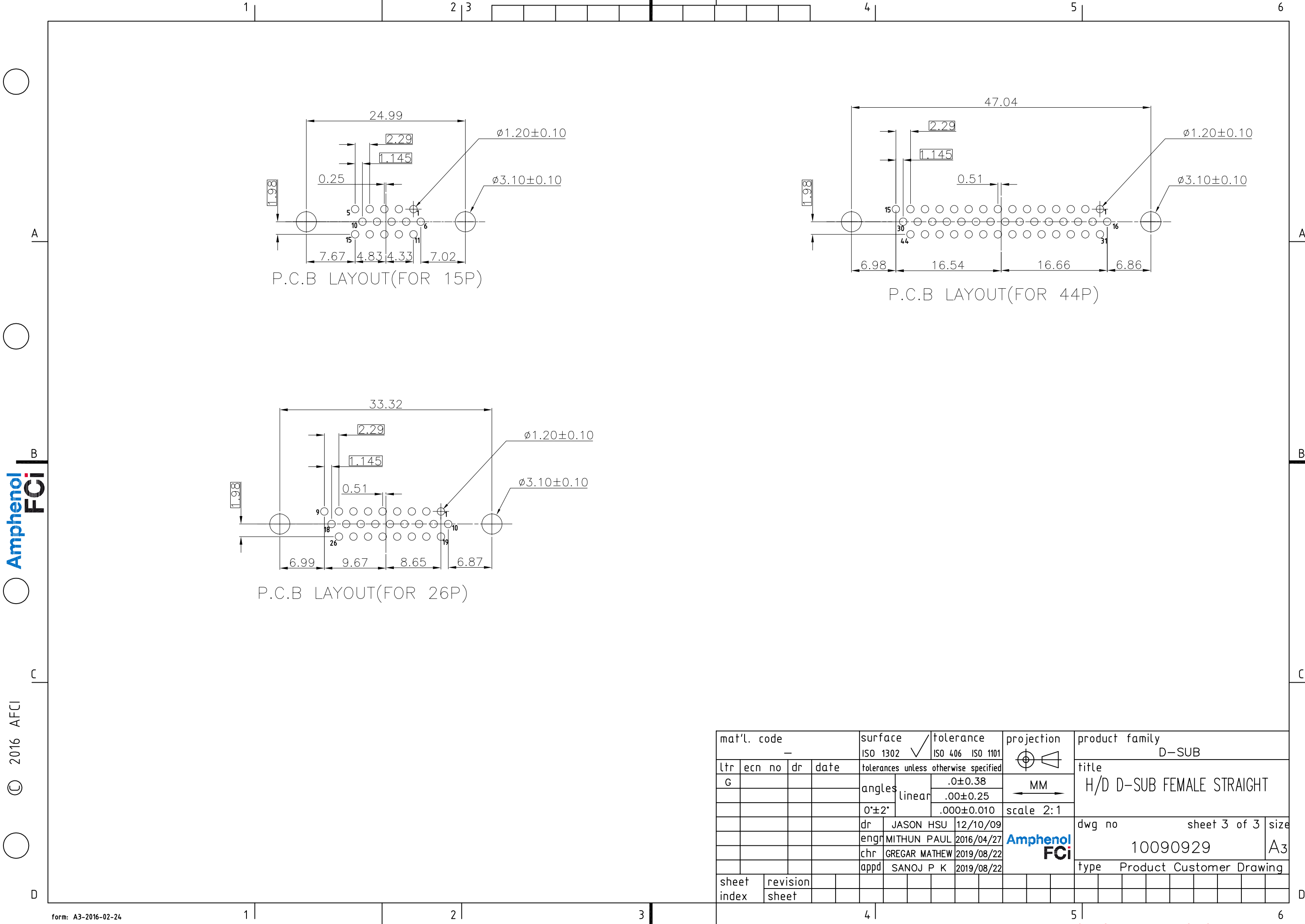
V: UNC #4-40 SCREWLOCKS

CONTACT FINISH

4: FLASH GOLD  
6: 30u" GOLD

| POS. | A     | B     | C     | D    | E     |
|------|-------|-------|-------|------|-------|
| 15   | 30.81 | 24.99 | 16.33 | 2.29 | 19.10 |
| 26   | 39.24 | 33.32 | 24.66 | 2.29 | 27.75 |
| 44   | 53.04 | 47.04 | 38.38 | 2.29 | 41.30 |

|                  |        |                |      |                                       |               |                               |  |                                                                                                     |          |                                                                                       |                                    |  |      |  |
|------------------|--------|----------------|------|---------------------------------------|---------------|-------------------------------|--|-----------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|------------------------------------|--|------|--|
| mat'l. code<br>— |        |                |      | surface<br>ISO 1302 ✓                 |               | tolerance<br>ISO 406 ISO 1101 |  | projection<br> |          | product family<br>D-SUB                                                               |                                    |  |      |  |
| ltr              | ecn no | dr             | date | tolerances unless otherwise specified |               |                               |  |                                                                                                     |          |  | title<br>H/D D-SUB FEMALE STRAIGHT |  |      |  |
| G                |        |                |      | angles                                | linear        | .0±0.38                       |  |                                                                                                     |          |                                                                                       | scale 2:1                          |  |      |  |
|                  |        |                |      |                                       |               | .00±0.25                      |  |                                                                                                     |          |                                                                                       |                                    |  |      |  |
|                  |        |                |      | 0°±2°                                 |               | .000±0.010                    |  |                                                                                                     |          |                                                                                       |                                    |  |      |  |
|                  |        |                |      | dr                                    | JASON HSU     | 12/10/09                      |  |                | dwg no   |                                                                                       | sheet 2 of 3                       |  | size |  |
|                  |        |                |      | engr                                  | MITHUN PAUL   | 2016/04/27                    |  |                                                                                                     | 10090929 |                                                                                       | A3                                 |  |      |  |
|                  |        |                |      | chr                                   | GREGAR MATHEW | 2019/08/22                    |  |                                                                                                     |          |                                                                                       |                                    |  |      |  |
|                  |        |                |      | appd                                  | SANOJ P K     | 2019/08/22                    |  |                                                                                                     |          |                                                                                       |                                    |  |      |  |
| sheet index      |        | revision sheet |      |                                       |               |                               |  |                                                                                                     |          | type Product Customer Drawing                                                         |                                    |  |      |  |



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