

## Excellent Integrated System Limited

Stocking Distributor

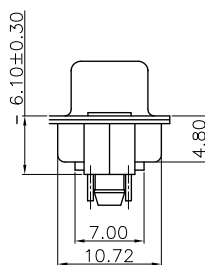
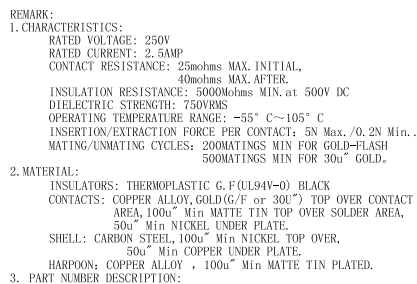
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)

[10090928-P154XLF](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



10090928-P XX X X LF

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

TYPE \_\_\_\_\_

P: PIN (M/E) \_\_\_\_\_

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

15: 15-PIN  
28: 28-PIN  
44: 44-PIN

LF: ROHS COMPLIANT

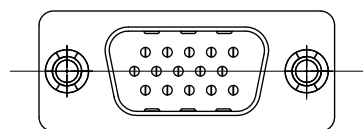
FLANGE MOUNTING OPTION

X: UNC #4-40 CLINCHNUTS

CONTACT FINISH

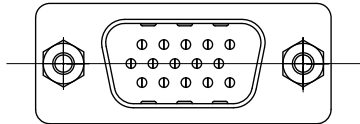
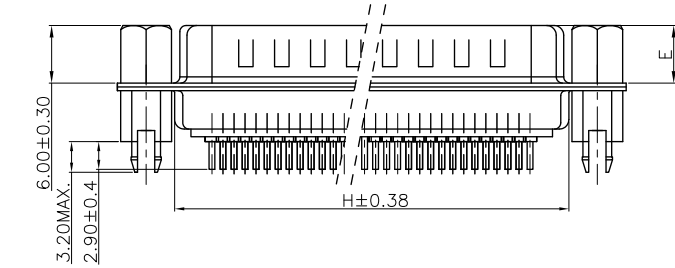
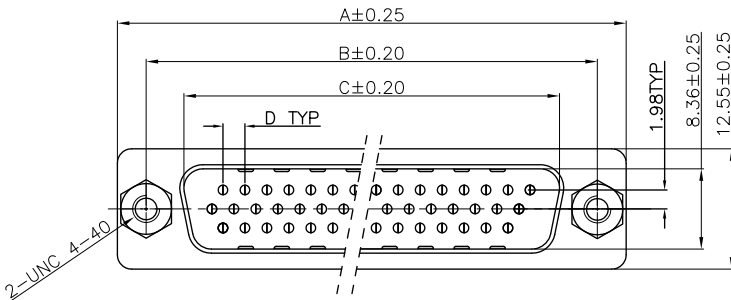
| POS. | PART NO.        | THREAD TYPE |
|------|-----------------|-------------|
| 15   | 10090928-P15*XL | UNC #4-40   |
| 26   | 10090928-P26*XL | UNC #4-40   |
| 44   | 10090928-P44*XL | UNC #4-40   |

| POS. | A     | B     | C     | D    | E                                      | H     |
|------|-------|-------|-------|------|----------------------------------------|-------|
| 15   | 30.81 | 24.99 | 16.92 | 2.29 | 5.90 <sup>+0.25</sup> <sub>-0.26</sub> | 19.10 |
| 26   | 39.24 | 33.32 | 25.25 | 2.29 | 5.90 <sup>+0.25</sup> <sub>-0.26</sub> | 27.75 |
| 44   | 53.04 | 47.04 | 38.96 | 2.29 | 5.70 <sup>+0.25</sup> <sub>-0.26</sub> | 41.30 |



FOR 15P

|                             |  |                |  |                                                                                           |  |            |  |                          |  |
|-----------------------------|--|----------------|--|-------------------------------------------------------------------------------------------|--|------------|--|--------------------------|--|
| mat'l. code                 |  |                |  | surface <input checked="" type="checkbox"/> tolerance <input checked="" type="checkbox"/> |  | projection |  | product family           |  |
| -                           |  |                |  | ISO 1502 ISO 406 ISO 1101                                                                 |  |            |  | D-SUB                    |  |
| ltr ecn no dr date          |  |                |  | tolerances unless otherwise specified                                                     |  | title      |  |                          |  |
| E BLX-1-20972 AB 2015/05/30 |  |                |  | angles                                                                                    |  | MM         |  | H/D D-SUB MALE STRAIGHT  |  |
|                             |  |                |  | 0±.2°                                                                                     |  | scale 2:1  |  |                          |  |
|                             |  |                |  | 0.00±.25                                                                                  |  |            |  |                          |  |
|                             |  |                |  | 000±.010                                                                                  |  |            |  |                          |  |
|                             |  |                |  | eng JASON HSU 12/10/09                                                                    |  |            |  | dwg no                   |  |
|                             |  |                |  | dr ALJAS BABU 2015/05/30                                                                  |  |            |  | sheet 1 of 3             |  |
|                             |  |                |  | eng MITHUN PAUL 2015/05/30                                                                |  |            |  | 10090928                 |  |
|                             |  |                |  | app BIJU K.PAUL 2015/05/30                                                                |  |            |  | type                     |  |
|                             |  |                |  |                                                                                           |  |            |  | PRODUCT_CUSTOMER DRAWING |  |
| sheet index                 |  | revision sheet |  | E 1 2                                                                                     |  |            |  |                          |  |



**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: 200MATING MIN FOR GOLD-FLASH  
500MATING 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.

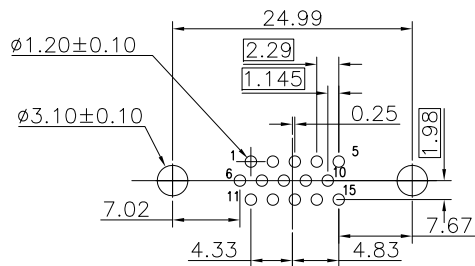
**3. PART NUMBER DESCRIPTION:**

**10090928-P XX X Y L F**  
SERIES NO. -  
TYPE -  
P: PIN (WELD)  
NUMBER OF CONTACTS -  
15: 15-PIN  
26: 26-PIN  
44: 44-PIN  
L: LF: ROHS COMPLIANT  
F: PLANGE MOUNTING OPTION  
Y: UNC #4-40 SCREWS  
CONTACT FINISH  
4: GOLD FLASH  
6: 30u" GOLD

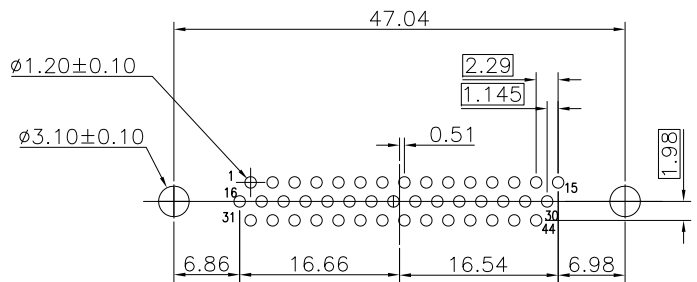
| POS. | PART NO.         |
|------|------------------|
| 15   | 10090928-P15*VLF |
| 26   | 10090928-P26*VLF |
| 44   | 10090928-P44*VLF |

| POS. | A     | B     | C     | D    | E         | H     |
|------|-------|-------|-------|------|-----------|-------|
| 15   | 30.81 | 24.99 | 16.92 | 2.29 | 5.90±0.25 | 19.10 |
| 26   | 39.24 | 33.32 | 25.25 | 2.29 | 5.90±0.25 | 27.75 |
| 44   | 53.04 | 47.04 | 38.96 | 2.29 | 5.70±0.25 | 41.30 |

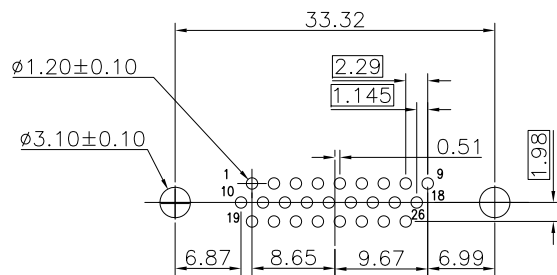
|             |                |                            |            |                          |
|-------------|----------------|----------------------------|------------|--------------------------|
| mat'l. code | surface        | tolerance                  | projection | product family           |
| -           | ISO 1302       | ISO 406 ISO 1101           | MM         | D-SUB                    |
| lfr         | ecn no         | dr                         | date       | title                    |
| E           |                |                            |            | H/D D-SUB MALE STRAIGHT  |
|             | angles         | UNLESS OTHERWISE SPECIFIED | scale 2:1  | dwg no                   |
|             | 0°±2°          | 0.25                       |            | 10090928                 |
|             |                | 0.00±0.10                  |            | sheet 2 of 3             |
| dr          | JASON.HSU      | 12/10/09                   |            | size                     |
| engn        | ALIAS.BABU     | 2015/05/30                 |            | A4                       |
| chr         | MITHUN.PAUL    | 2015/05/30                 |            |                          |
| appd        | BIJU.K.PAUL    | 2015/05/30                 |            |                          |
| sheet index | revision sheet |                            |            | type                     |
|             |                |                            |            | PRODUCT_CUSTOMER DRAWING |



P.C.B LAYOUT(FOR 15P)



P.C.B LAYOUT(FOR 44P)



P.C.B LAYOUT(FOR 26P)

|             |          |       |    |         |                                       |           |                  |            |                          |
|-------------|----------|-------|----|---------|---------------------------------------|-----------|------------------|------------|--------------------------|
| mat'l. code |          |       |    | surface | ISO 1302                              | tolerance | ISO 406 ISO 1101 | projection | product family           |
| lfr         | ecm      | no    | dr | date    | tolerances unless otherwise specified | angles    | 0±2°             | MM         | D-SUB                    |
| E           |          |       |    |         |                                       |           |                  | scale 2:1  | H/D D-SUB MALE STRAIGHT  |
|             |          |       |    |         |                                       |           |                  |            | dwg no                   |
|             |          |       |    |         |                                       |           |                  |            | 10090928                 |
|             |          |       |    |         |                                       |           |                  |            | sheet 3 of 3 size        |
|             |          |       |    |         |                                       |           |                  |            | A4                       |
|             |          |       |    |         |                                       |           |                  |            | type                     |
|             |          |       |    |         |                                       |           |                  |            | PRODUCT_CUSTOMER DRAWING |
| sheet index | revision | sheet |    |         |                                       |           |                  |            |                          |