

REMARK:

1. CHARACTERISTICS:

RATED VOLTAGE: 250V  
RATED CURRENT: 2.5AMP  
CONTACT RESISTANCE: 25mohms MAX(40mohms MAX FOR AFTER TEST).  
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: 50MATINGS MIN FOR GOLD-FLASH  
500MATINGS MIN FOR 30u" GOLD.

2. MATERIAL:

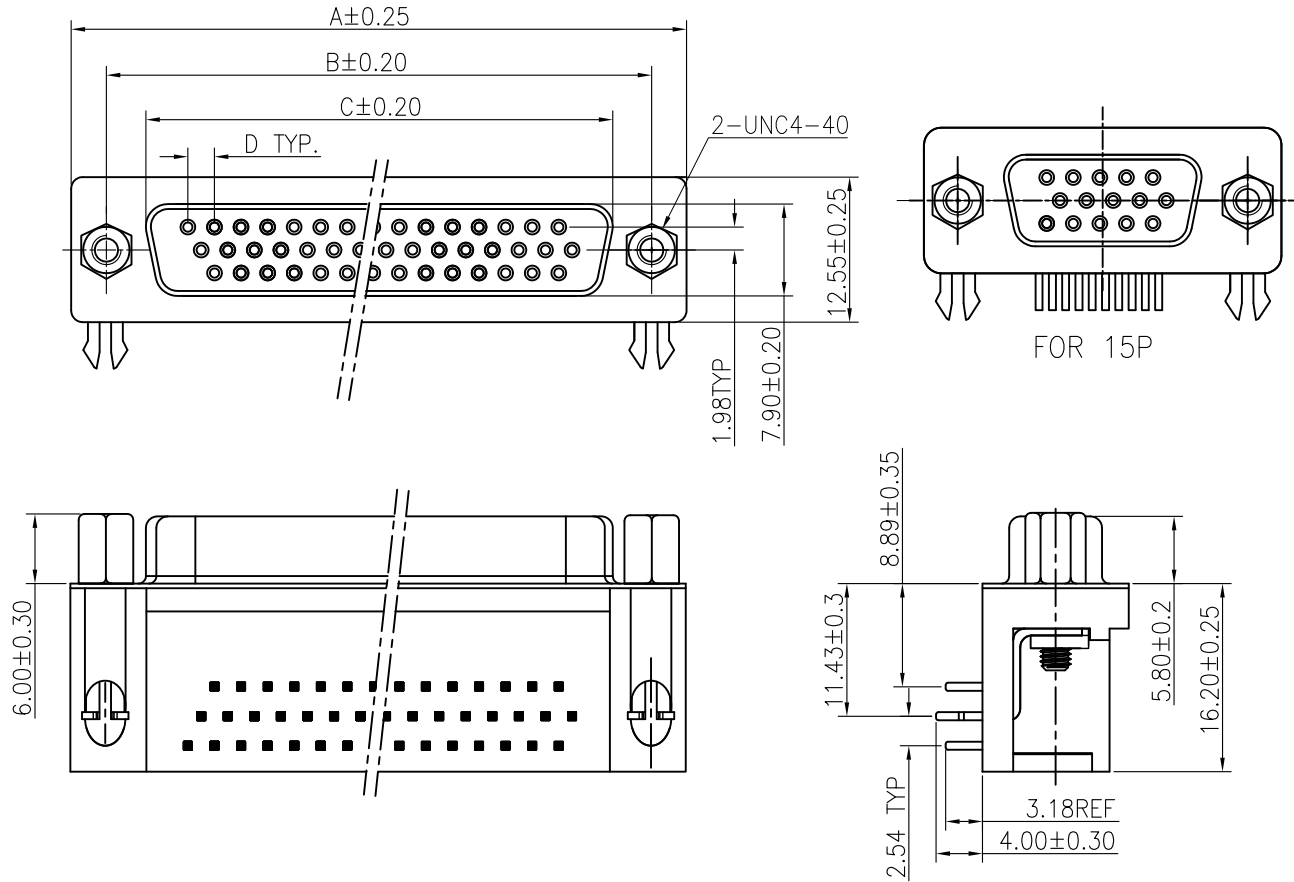
INSULATORS: THERMOPLASTIC G.F(UL94V-0) BLACK  
CONTACTS: COPPER ALLOY, GOLD(G/F or 30u") TOP OVER CONTACT AREA,  
100u" Min MATTE TIN TOP OVER SOLDER AREA,  
50u" Min NICKEL UNDER PLATE.  
SHELL: CARBON STEEL, 100u" Min NICKEL TOP OVER,  
50u" Min COPPER UNDER PLATE.  
Z BRACKET: COPPER ALLOY, 100u" Min MATTE TIN PLATED.  
SCREW LOCK: COPPER ALLOY , 50u" Min NICKEL PLATED.

3. PART NUMBER DESCRIPTION: 10090927-S XX X X LF

SERIES NO. \_\_\_\_\_  
TYPE \_\_\_\_\_  
S: SOCKET (FEMALE)  
NUMBER OF CONTACTS \_\_\_\_\_  
15: 15-PIN  
26: 26-PIN  
44: 44-PIN  
62: 62-PIN  
LF: ROHS COMPLIANT  
FLANGE MOUNTING OPTION  
L: M3 CLINCHNUTS  
X: UNC #4-40 CLINCHNUTS  
CONTACT FINISH  
4: GOLD FLASH  
6: 30u" GOLD

| POS. | PART NO.         | THREAD TYPE |       |      |
|------|------------------|-------------|-------|------|
| 15P  | 10090927-S15*LLF | M3*0.5      |       |      |
| 26P  | 10090927-S26*LLF | M3*0.5      |       |      |
| 44P  | 10090927-S44*LLF | M3*0.5      |       |      |
| 62P  | 10090927-S62*LLF | M3*0.5      |       |      |
| 15P  | 10090927-S15*XLF | UNC #4-40   |       |      |
| 26P  | 10090927-S26*XLF | UNC #4-40   |       |      |
| 44P  | 10090927-S44*XLF | UNC #4-40   |       |      |
| 62P  | 10090927-S62*XLF | UNC #4-40   |       |      |
| POS. | A                | B           | C     | D    |
| 15P  | 30.81            | 24.99       | 16.33 | 2.29 |
| 26P  | 39.24            | 33.32       | 24.66 | 2.29 |
| 44P  | 53.04            | 47.04       | 38.38 | 2.29 |
| 62P  | 69.32            | 63.50       | 54.84 | 2.41 |

| mat'l. code |          |     |          | tolerances unless otherwise specified |                      | CUSTOMER COPY |    | FCI                          |                    |
|-------------|----------|-----|----------|---------------------------------------|----------------------|---------------|----|------------------------------|--------------------|
| ltr         | ecn no   | dr  | date     | linear                                | .X ± 0.38            | projection    | MM | title                        | www.fciconnect.com |
| A           | T09-1156 | J.H | 12/10/09 |                                       | .XX ± 0.25           |               |    |                              |                    |
|             |          |     |          |                                       | .XXX ± 0.10          |               |    |                              |                    |
|             |          |     |          | angles                                | 0° ±2°               |               |    | H/D D-SUB FEMALE RIGHT-ANGLE |                    |
|             |          |     |          | dr                                    | JASON HSU 12/10/09   |               |    | product family D-SUB         | code               |
|             |          |     |          | enr                                   | JASON HSU 12/10/09   |               |    | size dwg no                  | TWN                |
|             |          |     |          | chr                                   | GARY HSIEH 12/10/09  |               |    | 10090927                     | sheet              |
|             |          |     |          | appd                                  | JOSEPH HSIA 12/10/09 |               |    | 1 of 5                       |                    |
| sheet index | revision | A   | A        | A                                     | A                    | A             |    |                              |                    |
|             | sheet    | 1   | 2        | 3                                     | 4                    | 5             |    |                              |                    |



REMARK:

1. CHARACTERISTICS:

RATED VOLTAGE: 250V  
RATED CURRENT: 2.5AMP  
CONTACT RESISTANCE: 25mohms MAX(40mohms MAX FOR AFTER TEST).  
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: 50MATINGS 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.  
Z BRACKET: COPPER ALLOY, 100u" Min MATTE TIN PLATED.  
SCREW LOCK: COPPER ALLOY, 50u" Min NICKEL PLATED.  
NUT: COPPER ALLOY, 50u" Min NICKEL PLATED.

3. PART NUMBER DESCRIPTION: 10090927-S XX X X LF

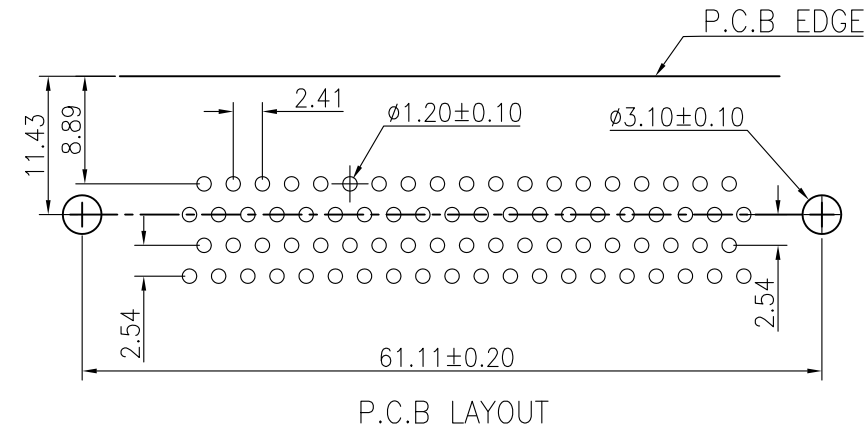
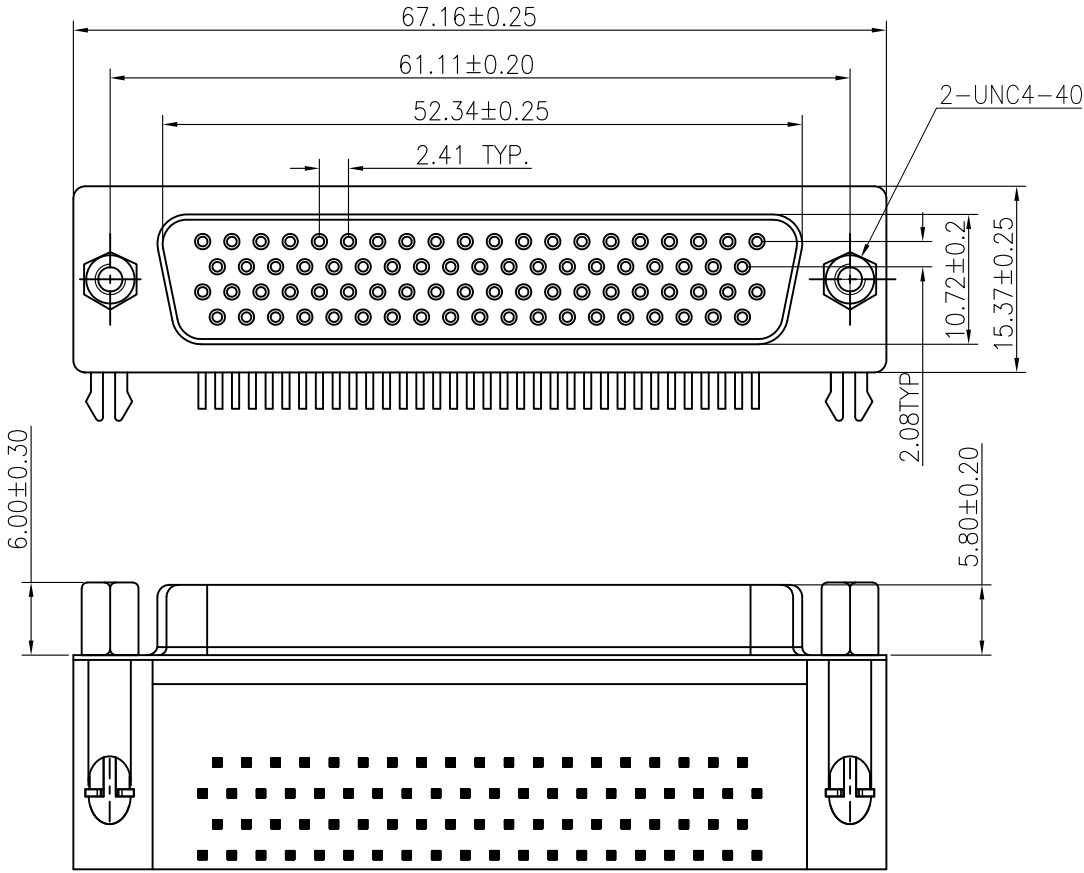
SERIES NO. 10090927  
TYPE S: SOCKET (FEMALE)  
NUMBER OF CONTACTS 27  
15: 15-PIN  
26: 26-PIN  
44: 44-PIN  
62: 62-PIN  
LF: ROHS COMPLIANT  
FLANGE MOUNTING OPTION  
V: UNC #4-40 SCREWS  
CONTACT FINISH  
4: GOLD FLASH  
6: 30u" GOLD

| POS. | PART NO.         | A     | B     | C     | D    | E    | F    |
|------|------------------|-------|-------|-------|------|------|------|
| 15P  | 10090927-S15*VLF | 30.81 | 24.99 | 16.33 | 2.29 | 7.68 | 8.19 |
| 26P  | 10090927-S26*VLF | 39.24 | 33.32 | 24.66 | 2.29 | 7.02 | 8.01 |
| 44P  | 10090927-S44*VLF | 53.04 | 47.04 | 38.38 | 2.29 | 7.01 | 8.02 |
| 62P  | 10090927-S62*VLF | 69.32 | 63.50 | 54.84 | 2.41 | 7.03 | 8.21 |

| mat'l. code |                |    |      | tolerances unless otherwise specified |                      | CUSTOMER COPY |                | FCI                |        |
|-------------|----------------|----|------|---------------------------------------|----------------------|---------------|----------------|--------------------|--------|
| ltr         | ecn no         | dr | date | linear                                | .X ± 0.38            | projection    | title          | www.fciconnect.com |        |
| A           |                |    |      |                                       | .XX ± 0.25           |               |                |                    |        |
|             |                |    |      |                                       | .XXX ± 0.10          |               |                |                    |        |
|             |                |    |      | angles                                | 0° ±2°               |               |                |                    |        |
|             |                |    |      | dr                                    | JASON HSU 12/10/09   | MM            | product family | D-SUB              | code   |
|             |                |    |      | enr                                   | JASON HSU 12/10/09   |               | size           | dwg no             | TWN    |
|             |                |    |      | chr                                   | GARY HSIEH 12/10/09  | scale         |                |                    | sheet  |
|             |                |    |      | appd                                  | JOSEPH HSIA 12/10/09 | 1:1           | A4             | 10090927           | 2 of 5 |
| sheet index | revision sheet |    |      |                                       |                      |               |                |                    |        |







# REMARK:

## 1. CHARACTERISTICS:

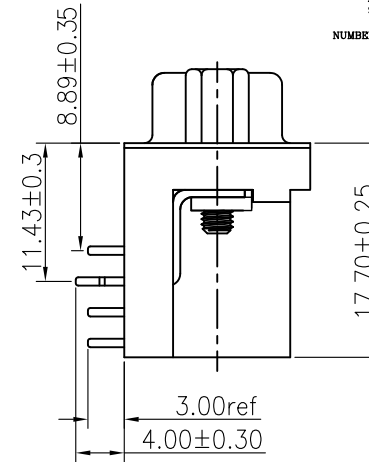
RATED VOLTAGE: 250V  
RATED CURRENT: 2.5AMP  
CONTACT RESISTANCE: 25mohms MAX(40mohms MAX FOR AFTER TEST).  
INSULATION RESISTANCE: 5000Mohms MIN. at 500V DC  
DIELECTRIC STRENGTH: 750VRMS  
OPERATING TEMPERATURE RANGE: -55° C~105° C  
INSERTION/EXTRACTION FORCE PER CONTACT: 5N Max./0.2N Min.  
MATING/UNMATING CYCLES: 50MATINGS 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.  
Z BRACKET: COPPER ALLOY, 100u" Min MATTE TIN PLATED.  
SCREW LOCK: COPPER ALLOY, 50u" Min NICKEL PLATED.  
NUT: COPPER ALLOY, 50u" Min NICKEL PLATED.

## 3. PART NUMBER DESCRIPTION: 10090927-S XX X X LF

SERIES NO. \_\_\_\_\_  
TYPE \_\_\_\_\_  
S: SOCKET (FEMALE)  
NUMBER OF CONTACTS \_\_\_\_\_  
78: 78-PIN  
LF: ROHS COMPLIANT  
FLANGE MOUNTING OPTION  
V: UNC #4-40 SCREWS  
CONTACT FINISH  
4: GOLD FLASH  
6: 30u" GOLD



PART NO.: 10090927-S78\*VLF

| mat'l. code |                |    |      | tolerances unless otherwise specified |   | CUSTOMER COPY |                              | FCI                |              |
|-------------|----------------|----|------|---------------------------------------|---|---------------|------------------------------|--------------------|--------------|
| ltr         | ecn no         | dr | date | linear                                | .X ± 0.38<br>.XX ± 0.25<br>.XXX ± 0.10<br>0° ± 2° | projection    | title                        | www.fciconnect.com |              |
| A           |                |    |      | angles                                |   |               | H/D D-SUB FEMALE RIGHT-ANGLE |                    |              |
|             |                |    |      | dr                                    | JASON HSU 12/10/09                                | MM            | product family D-SUB         | code               |              |
|             |                |    |      | enr                                   | JASON HSU 12/10/09                                | scale         | size dwg no                  | TWN                |              |
|             |                |    |      | chr                                   | GARY HSIEH 12/10/09                               | 1:1           | A4                           | 10090927           | sheet 5 of 5 |
|             |                |    |      | appd                                  | JOSEPH HSIA 12/10/09                              |               |                              |                    |              |
| sheet index | revision sheet |    |      |                                       |   |               |                              |                    |              |