

Material:



Insulator: Glass filled Polyester UL 94V-0

Contact: Copper alloy

Shell: Steel, Tin plated as standard

High power Contact : Brass with Gold plated

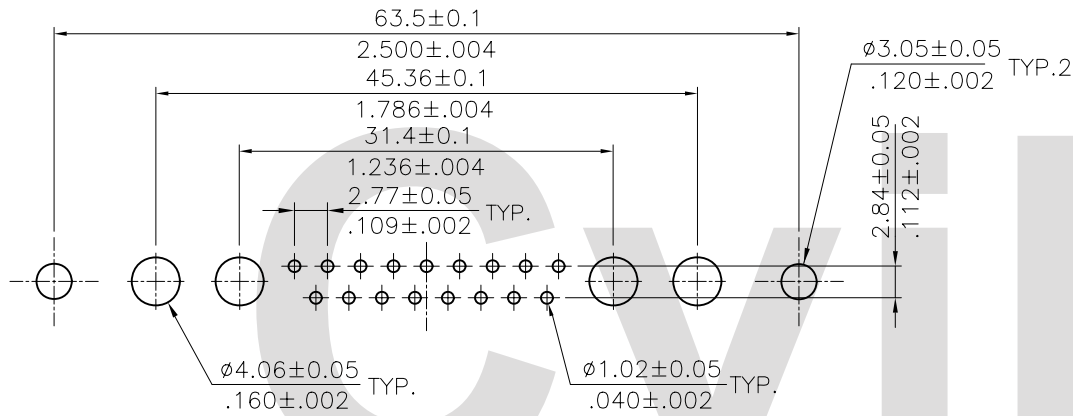
RoHS Compliant

|     |      |      |   |                   |                   |                                      |  |  |
|-----|------|------|---|-------------------|-------------------|--------------------------------------|--|--|
| 4   |      |      |   |                   | DATE              | UNIT: mm / inch                      | TITLE: 21W4 40A HIGH POWER FEMALE D-SUB CONNECTOR (TOP ENTRY BOARD MOUNT TYPE) |  瀚荃股份有限公司<br>CviLux Corporation |
| 3   |      |      |  | DRAWN BY: Rita    | 10/18-01'         | TOLERANCE UNLESS OTHERWISE SPECIFIED | MATERIAL:  |  |
| 2   |      |      |   | ENGINEER: David   | 10/19-01'         | .X ± 0.30/012 X' ± 1'                | FINISH:  | SCALE 2 / 1  |
| 1   |      |      |   | CHECKED BY: David | 10/19-01'         | .XX ± 0.20/008 .X' ±                 |  | SHEET 1 OF 2   |
| SYM | NAME | DATE |   | REVISIONS         | APPROVED BY: Alex | 10/19-01'                            |  | .XXX ± 0.10/004 .XX' ±   |

## Ordering Code

$\frac{21W4}{①} \frac{S}{②} \frac{P}{③} \frac{V}{④} \frac{3}{⑤} \frac{2}{⑥} \frac{1}{⑦} \frac{40}{⑧} \frac{D00}{⑨}$

- ① Series No.
- ② Connector Type: S= Receptacle
- ③ Contact type: P= High Power Contact
- ④ Contact tail style: V= Straight Dip type
- ⑤ High power contact plating:
  - 2= Gold flash plated over Nickel
  - 3= 15 $\mu$ " Gold plated over Nickel
  - 4= 30 $\mu$ " Gold plated over Nickel
  - 5= 50 $\mu$ " Gold plated over Nickel
- ⑥ Signal contact plating:
  - 2= Gold flash plated over Nickel
  - 3= 15 $\mu$ " Gold plated over Nickel
  - 4= 30 $\mu$ " Gold plated over Nickel
- ⑦ Insulator color: 1= Black, 6= Green
- ⑧ Performance: 40= 40A
- ⑨ Mounting Style:
  - 000= With  $\phi 3.05$ mm holes on shell
  - B00= Riveted #4-40 UNC open nuts on front shell
  - C00= Riveted #4-40 UNC open nuts on rear shell
  - D00= Riveted #4-40 UNC ground stand-off on rear shell(standard)



Recommended P.C Board Layout

### Mounting Style

RoHS Compliant

| Code | 000 | Code | B00           | Code | C00           | Code | D00           |
|------|-----|------|---------------|------|---------------|------|---------------|
|      |     |      | DIM. L= 4.0mm |      | DIM. L= 4.0mm |      | DIM. L= 7.0mm |
|      |     |      |               |      |               |      |               |

|     |      |      |           |                   |           |                                      |  |                                |
|-----|------|------|-----------|-------------------|-----------|--------------------------------------|--|--------------------------------|
| ④   |      |      |           |                   | DATE      | UNIT: mm / inch                      | TITLE: 21W4 40A HIGH POWER FEMALE D-SUB CONNECTOR (TOP ENTRY BOARD MOUNT TYPE) | 瀚荃股份有限公司<br>CviLux Corporation |
| ③   |      |      |           | DRAWN BY: Rita    | 10/18-01' | TOLERANCE UNLESS OTHERWISE SPECIFIED | MATERIAL:  |                                |
| ②   |      |      |           | ENGINEER: David   | 10/19-01' | .X ± 0.30/.012 X' ± 1'               | FINISH:  |                                |
| ①   |      |      |           | CHECKED BY: David | 10/19-01' | .XX ± 0.20/.008 .X' ±                |  |                                |
| SYM | NAME | DATE | REVISIONS | APPROVED BY: Alex | 10/19-01' | .XXX ± 0.10/.004 .XX' ±              | DRAWING NO. 21W410SB   | PART NO. 21W4SPV***40*00       |
|     |      |      |           |                   |           | SCALE                                | 2 / 1  | SHEET 2 OF 2                   |

CVILUX.CORP  
 2001.10.22  
 ISSUED