

## SPECIFICATION

CURRENT RATING: 3 A

INSULATION RESISTANCE: 1000MΩ MIN.

CONTACT RESISTANCE: 30mΩ MAX.

DIELECTRIC VOLTAGE: 1000V AC FOR ONE MINUTE

OPERATION TEMPERATURE: -40 °C TO +105 °C 

## MATERIAL

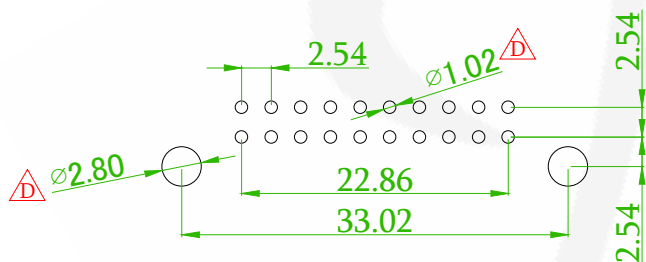
INSULATOR: PBT, UL 94V-0

TERMINAL:BRASS

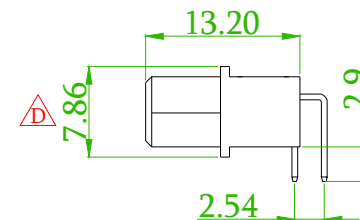
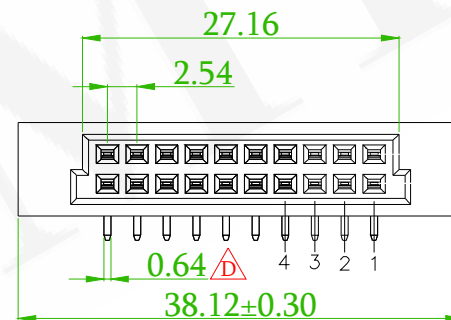
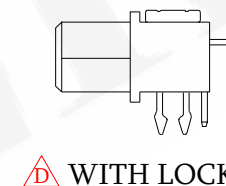
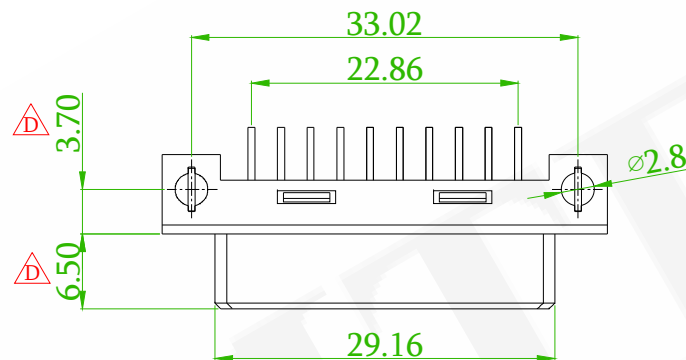
|                            |   |   |   |   |   |             |   |                                        |   |                 |   |   |   |               |   |            |   |        |   |
|----------------------------|---|---|---|---|---|-------------|---|----------------------------------------|---|-----------------|---|---|---|---------------|---|------------|---|--------|---|
| 5                          | D | I | N | R | S | 2           | X | X                                      | F | -               | X | X | X | X             | X | X          | B | 0      | 1 |
| PITCH / ROW<br>SEE TABLE 1 |   |   |   |   |   | N:W/O LOCK  |   | NO OF CONTACTS<br>TOTAL<br>SEE TABLE 1 |   | S0:SELECTIVE Au |   |   |   | SA:5u"        |   | W: NATURAL |   | A:TRAY |   |
|                            |   |   |   |   |   | 1:WITH LOCK |   |                                        |   | SB:10u"         |   |   |   | SF:15u"       |   |            |   |        |   |
|                            |   |   |   |   |   |             |   |                                        |   | SD:30u"         |   |   |   | G0:GOLD FLASH |   |            |   |        |   |
|                            |   |   |   |   |   |             |   |                                        |   | T0:TIN PLATED   |   |   |   |               |   |            |   |        |   |

TABLE 1

| PART NO.          | NO OF CONTACTS TOTAL | PITCH | ROWS WITH PINS | CONTACT ARRANGE |
|-------------------|----------------------|-------|----------------|-----------------|
| 5DINRS2BXF-20 *** | 20                   | 2.54  | A B            |                 |
| 5DINRS2DXF-10 *** | 10                   |       | A -            |                 |
| 5DINRS2FXF-10 *** | 10                   | 5.08  | A B            |                 |
| 5DINRS2HXF-05 *** | 5                    |       | A -            |                 |



RECOMMENDED PCB LAYOUT  
(PCB TOLERANCE  $\pm 0.05$ )



W/O LOCK

|                                                                                   |                                         |         |            |
|-----------------------------------------------------------------------------------|-----------------------------------------|---------|------------|
|  | ECN-202609017                           | Alice   | 2026/09/17 |
|  | BPM 20241014004 Add the Pin No. options | Benson  | 2024/10/15 |
|  | Revise the Table 1                      | Roy     | 2018/05/08 |
| REV.                                                                              | ECN NO. OR DESCRIPTION                  | REVISED | DATE       |



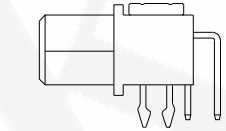
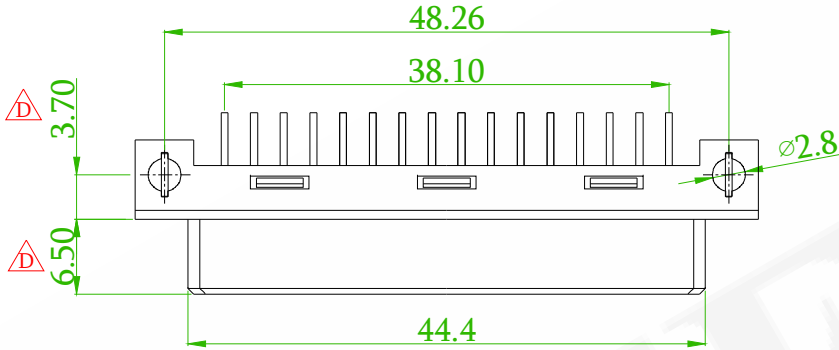
糧德精密有限公司  
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FAX: 886-2-2260-8030

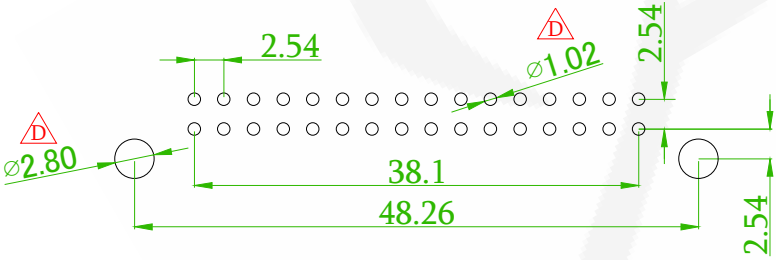
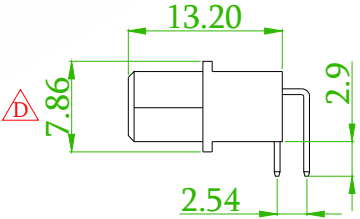
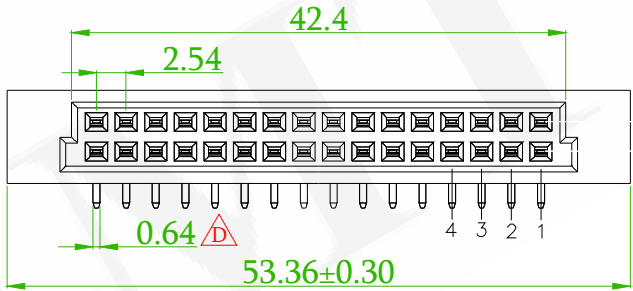
|                      |                               |             |      |                              |                                                                                       |     |
|----------------------|-------------------------------|-------------|------|------------------------------|---------------------------------------------------------------------------------------|-----|
| 品名<br>TITLE          | DIN 41612 FEMALE DIP R/A TYPE |             |      |                              | 頁數<br>Page                                                                            | 1/2 |
| 品號<br>PART NO.       | 5DINRS2XXF-XXXXXXB01          |             |      | 繪圖<br>DRAWN                  | Gary<br>2017/08/16                                                                    |     |
| 圖號<br>DRAWING NO.    | GN087-GA543                   | 版本<br>REV.  | D    | 核對<br>CHECKED                | Josh<br>2018/05/09                                                                    |     |
| 客戶品號<br>CUSTOMER P/N |                               | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2018/05/09                                                                   |     |
| 公差<br>TOLERANCE      | .X ± 0.38<br>.XX ± 0.25       | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |  |     |

TABLE 1 △

| PART NO.          | NO OF CONTACTS TOTAL | PITCH | ROWS WITH PINS | CONTACT ARRANGE |
|-------------------|----------------------|-------|----------------|-----------------|
| 5DINRS2BXF-32 *** | 32                   | 2.54  | A B            |                 |
| 5DINRS2DXF-16 *** | 16                   |       | A -            |                 |
| 5DINRS2FXF-16 *** | 16                   | 5.08  | A B            |                 |
| 5DINRS2HXF-08 *** | 8                    |       | A -            |                 |



△ WITH LOCK



RECOMMENDED PCB LAYOUT  
(PCB TOLERANCE ±0.05)

|                                     |                                         |         |            |
|-------------------------------------|-----------------------------------------|---------|------------|
| <span style="color:red">△</span>    | ECN-202609017                           | Alice   | 2026/09/17 |
| <span style="color:red">△</span>    | BPM 20241014004 Add the Pin No. options | Benson  | 2024/10/15 |
| <span style="color:red">△</span> x1 | Revise the Table 1                      | Roy     | 2018/05/08 |
| REV.                                | ECN NO. OR DESCRIPTION                  | REVISED | DATE       |



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|                      |                               |             |      |                              |                                                                                       |                    |
|----------------------|-------------------------------|-------------|------|------------------------------|---------------------------------------------------------------------------------------|--------------------|
| 品名<br>TITLE          | DIN 41612 FEMALE DIP R/A TYPE |             |      |                              | 頁數<br>Page                                                                            | 2/2                |
| 品號<br>PART NO.       | 5DINRS2XXF-XXXXXXB01          |             |      |                              | 繪圖<br>DRAWN                                                                           | Gary<br>2017/08/16 |
| 圖號<br>DRAWING NO.    | GN087-GA543                   | 版本<br>REV.  | D    | 核對<br>CHECKED                | Josh<br>2018/05/09                                                                    |                    |
| 客戶品號<br>CUSTOMER P/N |                               | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2018/05/09                                                                   |                    |
| 公差<br>TOLERANCE      | .X ± 0.38<br>.XX ± 0.25       | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |  |                    |