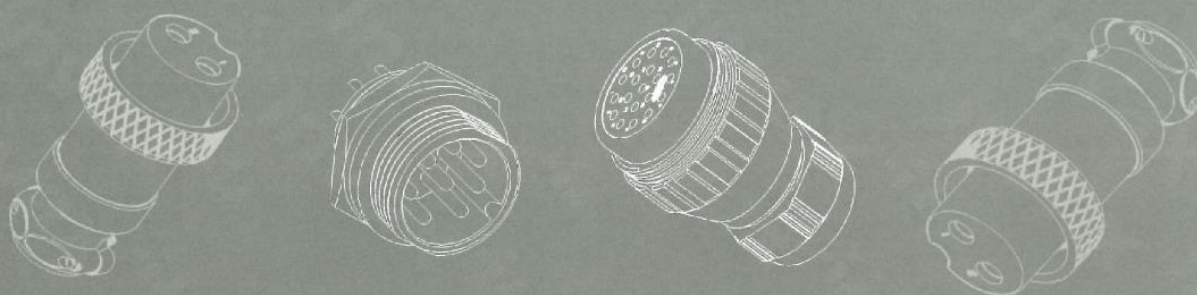


圓形工業連接器

  
ISO 9001 • ISO 14001

# Circular Connectors

Industrial High Reliability Interconnect Solutions



C 12.46-N

**UL**<sup>®</sup>  
C US

- No. of contacts 接點數及電氣規格：

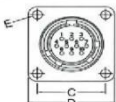
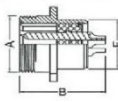
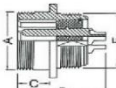
**CR2:** 2, 3 (pins) 15A / 250V  
4, 7 10A / 250V

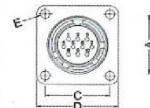
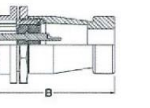
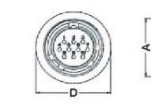
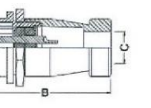
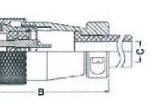
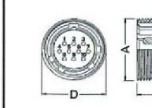
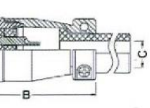
**CR3 :** 10 (pins) 10A / 250V  
16 4A / 250V

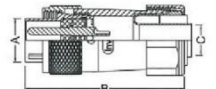
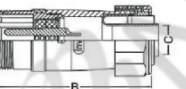
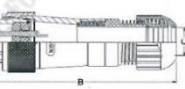
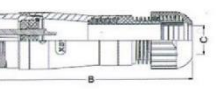
**CR4:** 12, 16, 17(pins) 8A / 250V  
20, 26 4A / 250V

**CR5:** 24 (pins) 8A / 250V



| Series<br>規格系列                             | CRxR<br>Box Mounting (Square Flange)<br>方型面板座                                     |      |         |                                                                                     |     |      | CRxA<br>Box Mounting (Round Flange w/Hex lock nut)<br>圓型面板座                         |      |      |                                                                                     |      |  |
|--------------------------------------------|-----------------------------------------------------------------------------------|------|---------|-------------------------------------------------------------------------------------|-----|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|--|
| Contact                                    | Male (公)                                                                          |      |         | Female (母)                                                                          |     |      | Male (公)                                                                            |      |      | Female (母)                                                                          |      |  |
| Connector<br>Style<br>外型式樣                 |  |      |         |  |     |      |  |      |      |  |      |  |
| Outer<br>Dimension<br>of Connector<br>外型尺寸 |  |      |         |   |     |      |  |      |      |  |      |  |
|                                            | A                                                                                 | B    | C       | D                                                                                   | E   | F    | A                                                                                   | B    | C    | D                                                                                   | E    |  |
| CR2                                        | 21.8                                                                              | 26.4 | sq 23.0 | sq 29.0                                                                             | 3.3 | 19.8 | 21.8                                                                                | 26.4 | 9.9  | 28.5                                                                                | 19.8 |  |
| CR3                                        | 25.8                                                                              | 26.8 | sq 26.0 | sq 32.0                                                                             | 3.3 | 24.0 | 25.8                                                                                | 26.8 | 10.3 | 31.5                                                                                | 24.0 |  |
| CR4                                        | 29.8                                                                              | 26.8 | sq 29.0 | sq 35.0                                                                             | 3.3 | 27.6 | 29.8                                                                                | 26.8 | 10.5 | 34.5                                                                                | 27.6 |  |
| CR5                                        | 37.8                                                                              | 40.0 | sq 35.0 | sq 44.8                                                                             | 3.3 | 34.9 | —                                                                                   | —    | —    | —                                                                                   | —    |  |

| CRxD<br>Wall Mounting w/backshell (Square Flange)<br>方型面板座 (夾線型)                   |      |                                                                                     |         |     | CRxF<br>Wall Mounting w/backshell (Round Flange w/Hex lock nut)<br>圓型面板座 (夾線型)      |      |                                                                                     |      | CRxP-10<br>Straight Plug w/bushing<br>套環型接線接頭 (夾線式)                                 |      |                                                                                      |      | CRxE-10<br>Cable Extender w/bushing<br>延長型接線接頭 (夾線式)                                  |      |                                                                                       |      |
|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|---------|-----|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|------|
| Male (公)                                                                           |      | Female (母)                                                                          |         |     | Male (公)                                                                            |      | Female (母)                                                                          |      | Male (公)                                                                            |      | Female (母)                                                                           |      | Male (公)                                                                              |      | Female (母)                                                                            |      |
|   |      |   |         |     |   |      |   |      |   |      |   |      |   |      |   |      |
|  |      |  |         |     |  |      |  |      |  |      |  |      |  |      |  |      |
| A                                                                                  | B    | C                                                                                   | D       | E   | A                                                                                   | B    | C                                                                                   | D    | A                                                                                   | B    | C                                                                                    | D    | A                                                                                     | B    | C                                                                                     | D    |
| 21.8                                                                               | 47.8 | sq 23.0                                                                             | sq 29.0 | 3.3 | 21.8                                                                                | 48.7 | 13.0                                                                                | 28.5 | 16.0                                                                                | 50.0 | 8.5                                                                                  | 25.5 | 21.8                                                                                  | 48.7 | 8.5                                                                                   | 23.5 |
| 25.8                                                                               | 53.4 | sq 26.0                                                                             | sq 32.0 | 3.3 | 25.8                                                                                | 53.4 | 13.4                                                                                | 31.5 | 20.5                                                                                | 53.0 | 9.8                                                                                  | 30.0 | 25.8                                                                                  | 53.4 | 9.8                                                                                   | 27.0 |
| 29.8                                                                               | 55.0 | sq 29.0                                                                             | sq 35.0 | 3.3 | 29.8                                                                                | 55.0 | 17.0                                                                                | 34.5 | 24.5                                                                                | 56.0 | 12.5                                                                                 | 33.8 | 29.8                                                                                  | 55.0 | 12.5                                                                                  | 31.5 |
| —                                                                                  | —    | —                                                                                   | —       | —   | —                                                                                   | —    | —                                                                                   | —    | 32.7                                                                                | 70.0 | 16.5                                                                                 | 43.0 | —                                                                                     | —    | —                                                                                     | —    |

| CRxP-20<br>Straight Plug (For flexible conduit)<br>套環型接線接頭 (浪管式)                   |      |                                                                                     |      | CRxE-20<br>Cable Extender (For flexible conduit)<br>延長型接線接頭 (浪管式)                   |      |                                                                                     |      | CRxP-Bxx<br>Straight Plug (w/plastic cable gland clamp)<br>套環型接線接頭 (追緊束線式)          |      |                                                                                      |      | CRxE-Bxx<br>Cable Extender (w/plastic cable gland clamp)<br>延長型接線接頭 (追緊束線式)           |      |                                                                                       |      |
|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|------|
| Male (公)                                                                           |      | Female (母)                                                                          |      | Male (公)                                                                            |      | Female (母)                                                                          |      | Male (公)                                                                            |      | Female (母)                                                                           |      | Male (公)                                                                              |      | Female (母)                                                                            |      |
|  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |
|  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |
| A                                                                                  | B    | C                                                                                   | D    | A                                                                                   | B    | C                                                                                   | D    | A                                                                                   | B    | C                                                                                    | D    | A                                                                                     | B    | C                                                                                     | D    |
| 16.0                                                                               | 57.5 | 11.3                                                                                | 25.5 | 21.8                                                                                | 56.5 | 11.3                                                                                | 23.5 | 16.0                                                                                | 78.4 | 12.0                                                                                 | 27.0 | 21.8                                                                                  | 77.8 | 12.0                                                                                  | 27.0 |
| 20.5                                                                               | 62.5 | 11.3                                                                                | 30.0 | 25.8                                                                                | 62.8 | 11.3                                                                                | 27.0 | 20.5                                                                                | 84.5 | 12.0                                                                                 | 27.0 | 25.8                                                                                  | 85.0 | 12.0                                                                                  | 27.0 |
| 24.5                                                                               | 62.5 | 14.7                                                                                | 33.8 | 29.8                                                                                | 61.0 | 14.7                                                                                | 31.5 | 24.5                                                                                | 88.3 | 16.0                                                                                 | 33.0 | 29.8                                                                                  | 87.6 | 16.0                                                                                  | 33.0 |
| —                                                                                  | —    | —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    | —                                                                                    | —    | —                                                                                     | —    | —                                                                                     | —    |

## CS Series CS系列

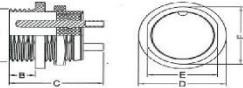
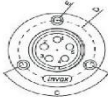


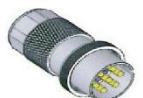
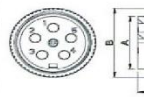
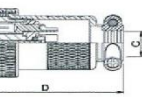
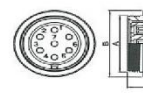
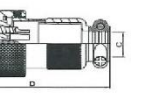
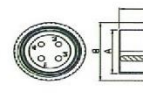
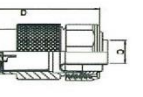
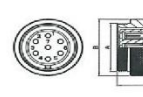
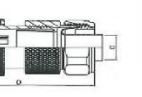
- Solid metal shell construction
- Threaded coupling hard dielectric inserts
- Cost effective for industrial grade application
- Front Key polarization
- Solder contact terminals
- UL certified

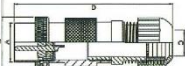
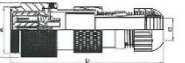
### No. of contacts 接點數及電氣規格：

|      |                            |             |
|------|----------------------------|-------------|
| CS1: | 2, 3, 4, 5, 6, 7, 8 (pins) | 5A / 125V   |
| CS2: | 2, 3, 4 (pins)             | 7A / 250V   |
| CS3: | 2, 3, 4, 5, 6, 7 (pins)    | 10A / 250V  |
| CS4: | 2, 3, 4, 5, 7 (pins)       | 15A / 250V  |
| CS5: | 1 (pin)                    | 250A / 250V |
|      | 2, 3 (pins)                | 30A / 250V  |
| CS6: | 4 (pins)                   | 30A / 250V  |

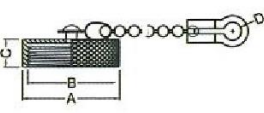
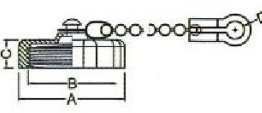
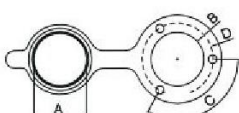


| Series<br>規格系列                       | CSxA<br>Box Mounting Round Flange w/Hex Lock Nut<br>圓型面板插座                         | CSxR<br>Box Mounting (Screw Flange)<br>圓型面板座                                        |                                                                                     |      |      |      |      |      |     |      |     |      |
|--------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|------|------|------|------|-----|------|-----|------|
| Contact                              | Male (公)                                                                           | Male (公)                                                                            | Female (母)                                                                          |      |      |      |      |      |     |      |     |      |
| Connector Style<br>外型式樣              |  |  |  |      |      |      |      |      |     |      |     |      |
| Outer Dimension of Connector<br>外型尺寸 |  |  |  |      |      |      |      |      |     |      |     |      |
|                                      | A                                                                                  | B                                                                                   | C                                                                                   | D    | E    | F    | A    | B    | C   | D    | E   | F    |
| CS1                                  | 15.7                                                                               | 5.4                                                                                 | 20.5                                                                                | 18.3 | 14.5 | 15.7 | —    | —    | —   | —    | —   | —    |
| CS2                                  | —                                                                                  | —                                                                                   | —                                                                                   | —    | —    | —    | 33.0 | 25.0 | 120 | 25.5 | 3.3 | 18.9 |
| CS3                                  | —                                                                                  | —                                                                                   | —                                                                                   | —    | —    | —    | 42.2 | 27.5 | 120 | 33.5 | 3.3 | 24.9 |
| CS4                                  | —                                                                                  | —                                                                                   | —                                                                                   | —    | —    | —    | 46.0 | 29.3 | 120 | 38.0 | 3.3 | 30.0 |
| CS5                                  | —                                                                                  | —                                                                                   | —                                                                                   | —    | —    | —    | 51.0 | 35.5 | 120 | 42.0 | 3.3 | 32.0 |
| CS6                                  | —                                                                                  | —                                                                                   | —                                                                                   | —    | —    | —    | 58.0 | 36.6 | 120 | 50.0 | 3.3 | 40.0 |

| CSxP<br>Straight Plug<br>直通型接線接頭 (夾線式)                                             |      |                                                                                     |      | CS x E<br>Cable Extender<br>延長型接線接頭 (夾線式)                                           |      |                                                                                     |      | CSxP-20<br>Straight Plug (For flexible conduit)<br>套環型接線接頭 (浪管式)                    |      |                                                                                      |      | CS x E-20<br>Cable Extender<br>延長型接線接頭 (浪管式)                                          |      |                                                                                       |      |
|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|------|
| Male (公)                                                                           |      | Female (母)                                                                          |      | Male (公)                                                                            |      | Female (母)                                                                          |      | Male (公)                                                                            |      | Female (母)                                                                           |      | Male (公)                                                                              |      | Female (母)                                                                            |      |
|    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
|  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |
| A                                                                                  | B    | C                                                                                   | D    | A                                                                                   | B    | C                                                                                   | D    | A                                                                                   | B    | C                                                                                    | D    | A                                                                                     | B    | C                                                                                     | D    |
| 12.5                                                                               | 18.0 | 6.6                                                                                 | 36.0 | 15.7                                                                                | 17.8 | 6.6                                                                                 | 43.8 | —                                                                                   | —    | —                                                                                    | —    | —                                                                                     | —    | —                                                                                     | —    |
| 15.5                                                                               | 22.0 | 9.0                                                                                 | 43.0 | —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    | —                                                                                    | —    | —                                                                                     | —    | —                                                                                     | —    |
| 21.1                                                                               | 27.7 | 10.8                                                                                | 50.3 | 24.8                                                                                | 28.7 | 10.8                                                                                | 57.4 | 21.1                                                                                | 27.7 | 11.3                                                                                 | 60.0 | 24.8                                                                                  | 28.7 | 11.3                                                                                  | 60.2 |
| 25.6                                                                               | 33.0 | 12.0                                                                                | 54.8 | 29.0                                                                                | 34.0 | 12.0                                                                                | 63.5 | 25.6                                                                                | 33.0 | 11.3                                                                                 | 60.0 | 29.0                                                                                  | 34.0 | 11.3                                                                                  | 65.3 |
| 27.7                                                                               | 38.0 | 15.5                                                                                | 64.5 | —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    | —                                                                                    | —    | —                                                                                     | —    | —                                                                                     | —    |
| 35.0                                                                               | 46.0 | 16.4                                                                                | 69.0 | —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    | —                                                                                    | —    | —                                                                                     | —    | —                                                                                     | —    |

| CSxP-Bxx<br>Straight Plug (w/plastic cable gland clamp)<br>套環型接線接頭 (塑膠束線式)          |      |                                                                                     |      | CS x E-Bxx<br>Cable Extender<br>延長型接線接頭 (塑膠束線式)                                     |      |                                                                                     |      |
|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|
| Male (公)                                                                            |      | Female (母)                                                                          |      | Male (公)                                                                            |      | Female (母)                                                                          |      |
|   |      |  |      |  |      |  |      |
|  |      |  |      |  |      |  |      |
| A                                                                                   | B    | C                                                                                   | D    | A                                                                                   | B    | C                                                                                   | D    |
| —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    |
| 21.1                                                                                | 27.7 | 12.0                                                                                | 84.1 | 24.8                                                                                | 28.7 | 12.0                                                                                | 86.0 |
| 25.6                                                                                | 33.0 | 12.0                                                                                | 90.2 | 29.0                                                                                | 34.0 | 12.0                                                                                | 92.0 |
| —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    | —                                                                                   | —    |

FONLEE  
豐立自動控制器材有限公司  
WWW.FONLEE.COM.TW

| Series<br>規格系列          |     | CR / CS Dust Cap 防塵蓋                                                              |           |     |     |                                                                                    |           |     |     |                                                                                     |      |     |      |
|-------------------------|-----|-----------------------------------------------------------------------------------|-----------|-----|-----|------------------------------------------------------------------------------------|-----------|-----|-----|-------------------------------------------------------------------------------------|------|-----|------|
| Contact                 |     | Metal Cap 金屬蓋                                                                     |           |     |     | Plastic Cap 塑膠蓋                                                                    |           |     |     | Rubber Dust Cap 墊圈防塵蓋                                                               |      |     |      |
| Cap Style<br>外型式樣       |     |  |           |     |     |  |           |     |     |  |      |     |      |
| Outer Dimension<br>外型尺寸 |     |  |           |     |     |  |           |     |     |  |      |     |      |
|                         |     | A                                                                                 | B         | C   | D   | A                                                                                  | B         | C   | D   | A                                                                                   | B    | C   | D    |
| CR                      | CR2 | 25.5                                                                              | M22*1.0   | 7.2 | 5.3 | 28.0                                                                               | M22*1.0   | 9.0 | 5.3 | 20.8                                                                                | 19.6 | —   | SQ23 |
|                         | CR3 | 28.5                                                                              | M26*1.0   | 8.2 | 5.3 | 32.0                                                                               | M26*1.0   | 9.0 | 5.3 | 24.8                                                                                | 23.8 | —   | SQ26 |
|                         | CR4 | 34.0                                                                              | M30*1.0   | 8.2 | 5.3 | 36.0                                                                               | M30*1.0   | 9.0 | 5.3 | 28.8                                                                                | 27.3 | —   | SQ29 |
|                         | CR5 | —                                                                                 | —         | —   | —   | —                                                                                  | —         | —   | —   | 36.8                                                                                | 34.6 | —   | SQ35 |
| CS                      | CS2 | —                                                                                 | —         | —   | —   | —                                                                                  | —         | —   | —   | 17.8                                                                                | 18.6 | 120 | 25.5 |
|                         | CS3 | 28.5                                                                              | M25*1.25  | 8.2 | 5.3 | 32.0                                                                               | M25*1.25  | 9.0 | 5.3 | 23.8                                                                                | 25.0 | 120 | 33.8 |
|                         | CS4 | 34.0                                                                              | M29.2*1.0 | 8.2 | 5.3 | 36.0                                                                               | M29.2*1.0 | 9.0 | 5.3 | 28.0                                                                                | 30.0 | 120 | 38.0 |
|                         | CS5 | —                                                                                 | —         | —   | —   | —                                                                                  | —         | —   | —   | 32.8                                                                                | 31.6 | 120 | 42.0 |
|                         | CS6 | —                                                                                 | —         | —   | —   | —                                                                                  | —         | —   | —   | 40.2                                                                                | 39.5 | 120 | 50.0 |

## CM Series CM系列

- Subminiature size metal shell construction
- Threaded coupling and gold plated contacts
- Cost effective for instrument application
- Solder contacts and molded on wire options

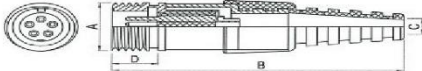
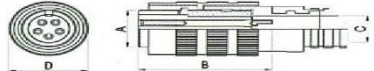
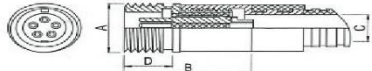
**No. of contacts** 接點數及電氣規格：

CM1: 3, 4, 5 (pins) 2A / 125V



| Series<br>規格系列                          | CMxA<br>Box Mounting w/Hex Nut<br>面板座 |            | CMxP-10<br>Straight Plug<br>套環型接線接頭 (配管不含線) |            |
|-----------------------------------------|---------------------------------------|------------|---------------------------------------------|------------|
| Contact                                 | Male (公)                              | Female (母) | Male (公)                                    | Female (母) |
| Connector Style<br>外型式樣                 |                                       |            |                                             |            |
| Outer Dimension<br>of Connector<br>外型尺寸 |                                       |            |                                             |            |
|                                         | A                                     | B          | C                                           | D          |
| CM1                                     | 9.5                                   | 6.6        | 17.8                                        | 10.0       |

\* Dimensions subject to change without notice.

| CMxE-10<br>Cable Extender<br>延長型接線接頭 (配管不含線)                                        |      |                                                                                    |     | CMxP-MD<br>Straight Plug (w/Molding Cable Molding)<br>套環型接線接頭 (含線成型)                |      |                                                                                     |      | CMxE-MD<br>Cable Extender (w/Molding Cable)<br>延長型接線接頭 (含線成型)                         |      |                                                                                      |     |
|-------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------|-----|
| Male (公)                                                                            |      | Female (母)                                                                         |     | Male (公)                                                                            |      | Female (母)                                                                          |      | Male (公)                                                                              |      | Female (母)                                                                           |     |
|   |      |  |     |   |      |  |      |   |      |  |     |
|  |      |                                                                                    |     |  |      |                                                                                     |      |  |      |                                                                                      |     |
| A                                                                                   | B    | C                                                                                  | D   | A                                                                                   | B    | C                                                                                   | D    | A                                                                                     | B    | C                                                                                    | D   |
| 9.5                                                                                 | 44.5 | 4.0                                                                                | 6.6 | 7.5                                                                                 | 16.0 | 4.0                                                                                 | 11.4 | 9.5                                                                                   | 16.0 | 4.0                                                                                  | 6.6 |

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## CT Series

## CT系列

- Robust Aluminum alloy shell construction
- Threaded coupling conform IP-67
- Heavy duty for industrial grade application
- Front Key polarization and alternate positions
- Hard gold plated Solder contact terminals

**No. of contacts** 接點數及電氣規格：

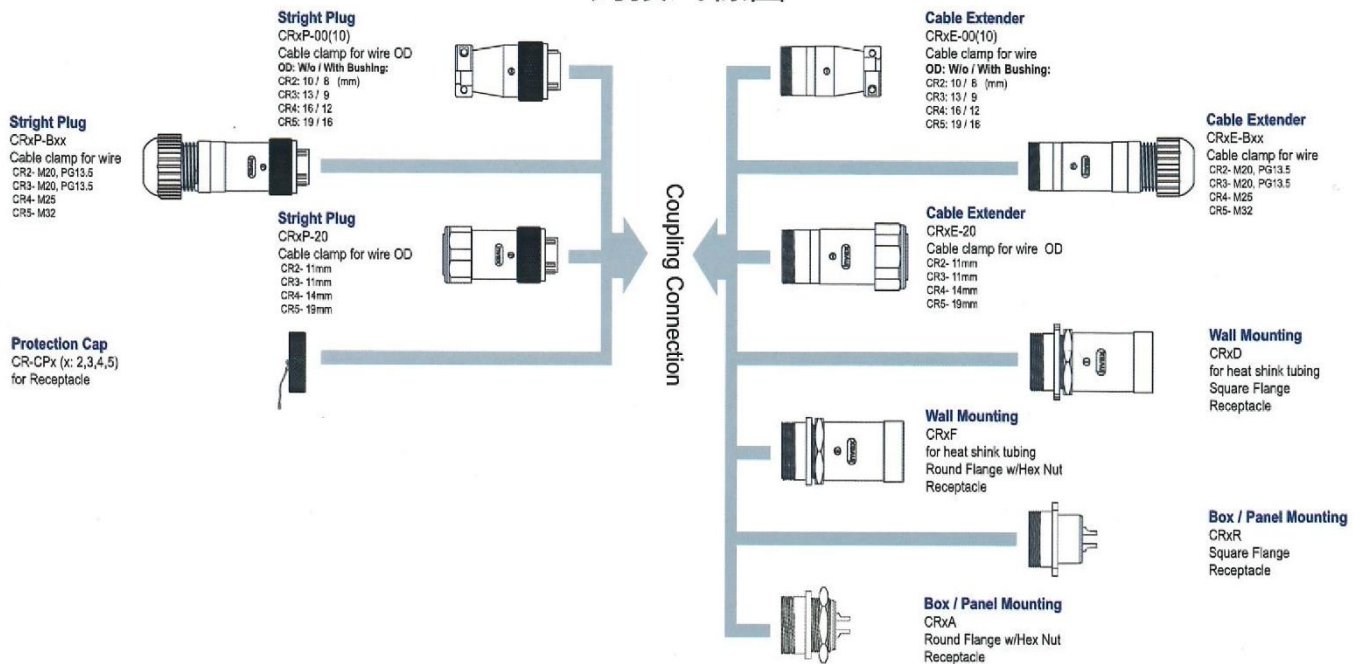
CT4 : 19 (pins) 25A / 250V



| Series<br>規格系列                       | CT4R                                   |      |       |       | CT4C          |      |       |       | CT4E-S0                                              |      |      |      | CT4P-S0                |      |      |      | CT4E-L0                                             |     |      |      | CT4P-L0                |     |      |      |
|--------------------------------------|----------------------------------------|------|-------|-------|---------------|------|-------|-------|------------------------------------------------------|------|------|------|------------------------|------|------|------|-----------------------------------------------------|-----|------|------|------------------------|-----|------|------|
|                                      | Box / Wall Mounting (Screw Flange) 面板座 |      |       |       |               |      |       |       | Short Backshell (w/plastic cable gland clamp) 接線短納接頭 |      |      |      | Male Straight Plug (S) |      |      |      | Long Backshell (w/plastic cable gland clamp) 接線長納接頭 |     |      |      |                        |     |      |      |
| Contact                              | Female Receptacle (母)                  |      |       |       | Male Plug (公) |      |       |       | Female Cable Extender (母)                            |      |      |      | Male Straight Plug (公) |      |      |      | Female Cable Extender (母)                           |     |      |      | Male Straight Plug (公) |     |      |      |
| Connector Style<br>外型式樣              |                                        |      |       |       |               |      |       |       |                                                      |      |      |      |                        |      |      |      |                                                     |     |      |      |                        |     |      |      |
| Outer Dimension of Connector<br>外型尺寸 |                                        |      |       |       |               |      |       |       |                                                      |      |      |      |                        |      |      |      |                                                     |     |      |      |                        |     |      |      |
|                                      | A                                      | B    | C     | D     | A             | B    | C     | D     | A                                                    | B    | C    | D    | A                      | B    | C    | D    | A                                                   | B   | C    | D    | A                      | B   | C    | D    |
| CT4                                  | 45.8                                   | 25.7 | sc 41 | sq 56 | 50.0          | 35.8 | sq 41 | sc 56 | 45.8                                                 | 87.5 | 26.5 | 56.6 | 50.0                   | 93.0 | 26.5 | 64.0 | 45.8                                                | 127 | 26.5 | 56.6 | 50.0                   | 136 | 26.5 | 64.3 |

# CR Series --Mating Styles Configuration

## 對接式樣圖



## Part No. Code : 型號編碼表

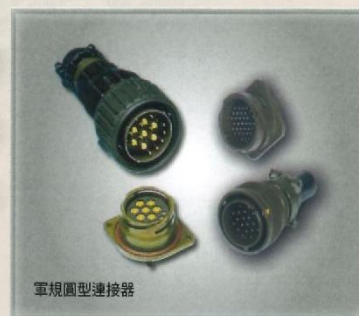
|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CR Series</b> | <div> <div>CR</div> <div>2</div> <div>P</div> <div>-</div> <div>07</div> <div>A</div> <div>P</div> <div>N</div> <div>S</div> <div>-</div> <div>10</div> </div> <div> <div>CR Series</div> <div>Shell Size : 2,3,4,5</div> <div>Connector Type</div> <div>P: Straight Plug</div> <div>R: Receptacle Box Mount Screw Flange (D: with backshell for heatshrink tubing)</div> <div>A: Receptacle w/Hex Nut Flange (F: with backshell for heatshrink tubing)</div> <div>E: Cable Extender</div> </div> <div> <div>Contact No.</div> <div>07</div> <div>Insert Arrangement : A-Z</div> </div> <div> <div>Contact Type</div> <div>P: Male</div> <div>S: Female</div> </div> <div> <div>Shell Finish</div> <div>S: Silver Color</div> <div>B: Black Color</div> </div> <div> <div>Cable Clamp Type</div> <div>00: STD Cable Clamp</div> <div>10: Clamp with Bushing</div> <div>20: Flex. Conduit Type</div> <div>B20: M20 Plastic Clamp Black (CR2/CR3)</div> <div>G20: M20 Plastic Clamp Gray (CR2/CR3)</div> <div>W20: M20 Plastic Clamp White (CR2/CR3)</div> <div>B25: M25 Plastic Clamp Black (CR4)</div> <div>G25: M25 Plastic Clamp Gray (CR4)</div> <div>W25: M25 Plastic Clamp White (CR4)</div> <div>B32: M32 Plastic Clamp Black (CR5)</div> </div> |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# 線規對照表

## Conversion Chart of American Wire Gauge

| 美規線號            | 耐電流 (A)                                    | 平方值                                    | 導體直徑                                               |
|-----------------|--------------------------------------------|----------------------------------------|----------------------------------------------------|
| Size AWG or MCM | Amperes Single Cond.<br>75°C Copper (NFPA) | Circular Mils<br>Area Square<br>Inches | Inches ClassM<br>(NEMA)<br>Approx Diameter<br>(mm) |
| 20              | 7                                          | 1020                                   | 0.0008                                             |
| 18              | 10                                         | 1620                                   | 0.0013                                             |
| 16              | 15                                         | 2580                                   | 0.0020                                             |
| 14              | 20                                         | 4110                                   | 0.0032                                             |
| 12              | 25                                         | 6530                                   | 0.0051                                             |
| 10              | 40                                         | 10380                                  | 0.0082                                             |
| 8               | 65                                         | 16510                                  | 0.0130                                             |
| 6               | 95                                         | 26240                                  | 0.0206                                             |
| 4               | 125                                        | 41740                                  | 0.0328                                             |
| 2               | 170                                        | 66360                                  | 0.0521                                             |
| 1               | 195                                        | 83690                                  | 0.0657                                             |
| 1/0             | 230                                        | 105600                                 | 0.0829                                             |
| 2/0             | 265                                        | 133100                                 | 0.1045                                             |
| 3/0             | 310                                        | 167800                                 | 0.1318                                             |
| 4/0             | 360                                        | 211600                                 | 0.1662                                             |
| 250 MCM         | 405                                        | 250000                                 | 0.1964                                             |
| 300 MCM         | 445                                        | 300000                                 | 0.2356                                             |
| 500 MCM         | 620                                        | 500000                                 | 0.3927                                             |
| 750 MCM         | 785                                        | 750000                                 | 0.5891                                             |
| 1000 MCM        | 935                                        | 1000000                                | 0.7854                                             |

## 各型工業應用連接器系列



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