

# CX – RX HNM (High Number of Matings)

# 40 A crimp contacts

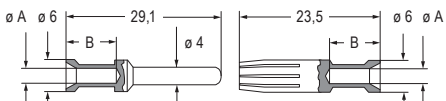
|                          |          |
|--------------------------|----------|
| Contact resistance       | ≤ 0,3 mΩ |
| Mechanical life (cycles) | ≥ 500    |
| - CX series              | ≥ 10 000 |
| - RX HNM series          | ≥ 10 000 |



(except of RX HNM contacts)



ECBT2.E115072 | ECBT8.E115072

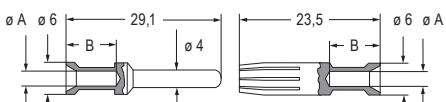
| Item                                                                              | Description                 | Part No.                 | Part No.                 | Dimension                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------|-------------------------------------------------------------------------------------|
|  | <b>40 A crimp contacts</b>  | <b>Male</b>              | <b>Female</b>            |  |
|                                                                                   | section (mm²) section (AWG) |                          |                          |                                                                                     |
|                                                                                   | 1,5 16                      | <a href="#">CXMA 1.5</a> | <a href="#">CXFA 1.5</a> |                                                                                     |
|                                                                                   | 2,5 14                      | <a href="#">CXMA 2.5</a> | <a href="#">CXFA 2.5</a> |                                                                                     |
|                                                                                   | 4 12                        | <a href="#">CXMA 4.0</a> | <a href="#">CXFA 4.0</a> |                                                                                     |
|                                                                                   | 6 10                        | <a href="#">CXMA 6.0</a> | <a href="#">CXFA 6.0</a> |                                                                                     |
|                                                                                   | 10 8                        | <a href="#">CXMA 10</a>  | <a href="#">CXFA 10</a>  |                                                                                     |

silver

## Wiring information, CX contacts

| conductor section (mm²) | conductor slot ø A (mm) | stripping length B (mm) |
|-------------------------|-------------------------|-------------------------|
| 1,5                     | 1,8                     | 9                       |
| 2,5                     | 2,2                     | 9                       |
| 4                       | 2,85                    | 9,6                     |
| 6                       | 3,5                     | 9,6                     |
| 10                      | 4,3                     | 15                      |

It is recommended to use the crimping tools homologated by ILME (please see page F.23)

|                                                                                     |                                |                           |                           |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------|---------------------------|---------------------------|---------------------------------------------------------------------------------------|
|  | <b>40 A HNM crimp contacts</b> | <b>Male</b>               | <b>Female</b>             |  |
|                                                                                     | section (mm²) section (AWG)    |                           |                           |                                                                                       |
|                                                                                     | 1,5 16                         | <a href="#">RXM2D 1.5</a> | <a href="#">RXF2D 1.5</a> |                                                                                       |
|                                                                                     | 2,5 14                         | <a href="#">RXM2D 2.5</a> | <a href="#">RXF2D 2.5</a> |                                                                                       |
|                                                                                     | 4 12                           | <a href="#">RXM2D 4.0</a> | <a href="#">RXF2D 4.0</a> |                                                                                       |
|                                                                                     | 6 10                           | <a href="#">RXM2D 6.0</a> | <a href="#">RXF2D 6.0</a> |                                                                                       |
|                                                                                     | 10 8                           | <a href="#">RXM2D 10</a>  | <a href="#">RXF2D 10</a>  |                                                                                       |

gold

## Wiring information, RX contacts

| conductor section (mm²) | conductor slot ø A (mm) | stripping length B (mm) |
|-------------------------|-------------------------|-------------------------|
| 1,5                     | 1,8                     | 9                       |
| 2,5                     | 2,2                     | 9                       |
| 4                       | 2,85                    | 9,6                     |
| 6                       | 3,5                     | 9,6                     |
| 10                      | 4,3                     | 15                      |

It is recommended to use the crimping tools homologated by ILME (please see page F.23)

## Materials

|                 |                                           |
|-----------------|-------------------------------------------|
| Contacts        |                                           |
| - CX series     | copper alloy, silver ● plated             |
| - RX HNM series | copper alloy, gold ● plated (HNM version) |

| Inserts                       | Pages                 |
|-------------------------------|-----------------------|
| CQ4 02 H / CQ4 02 / CQ4 03    | 40 A A.4-6            |
| CQ4 03/2                      | 40 A/10 A A.7         |
| CQ 04/2E / CQ 04/2 / CQ 04/2B | 40 A/10 A B.6-8       |
| CX 12/2                       | 40 A/10 A B.163       |
| CX 6/12                       | 40 A/10 A B.164       |
| CX 9/42                       | 40 A/10 A B.168       |
| CX 6/36                       | 40 A/10 A B.169       |
| MIXO modules                  | 40 A C.31,33,35-37,52 |

| HNM Inserts      | Pages          |
|------------------|----------------|
| CQ4 03           | 40 A H.6       |
| RX 12/2          | 40 A/10 A H.32 |
| HNM MIXO modules | 40 A H.39-43   |