

Part number  
**CQF 21**



Female insert, CQ series, crimp connection, 21 poles, 6,5 A 50 V 0,8 kV 3, size "21.21"

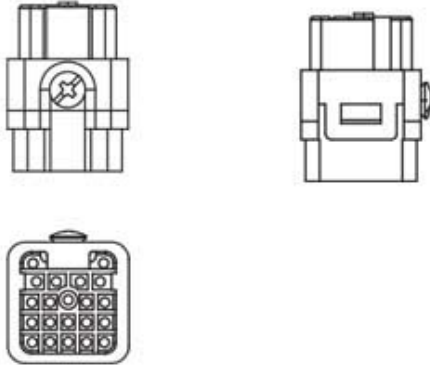
|   |   |                                     |  |
|---|---|-------------------------------------|--|
| <b>Product description</b>                    |   | <b>Material properties</b>          |  |
| <b>Product type</b>                           | Insert  | <b>Main material</b>                | Polycarbonate (PC)   |
| <b>Series</b>                                 | CQ  | <b>Colour</b>                       | RAL 7032 grey  |
| <b>Connection type</b>                        | Crimp connection  | <b>RoHs conformity</b>              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| <b>Gender</b>                                 | Female  | <b>China RoHs - EFUP</b>            | 50   |
| <b>N. of poles</b>                            | 21 poles  | <b>REACH SVHC substances</b>        | Yes<br>Lead  |
| <b>Size</b>                                   | Size "21.21"  | <b>SCIP number</b>                  | 5a97d67d-dd49-45fe-94c0-411f951ef5ee   |
| <b>Specification</b>                          | Standard & HNM (High Number of Matings)                         | <b>Approvals / Standards</b>        |  |
| <b>Technical data</b>                         |   | <b>Certifications</b>               | DNV, BV  |
| <b>Current</b>                                | 5 A   | <b>UL</b>                           | ECBT2  |
| <b>Voltage</b>                                | 50 V  | <b>cUL</b>                          | ECBT8  |
| <b>Rated impulse withstand voltage</b>        | 0,8 kV  | <b>General ordering information</b> |  |
| <b>Pollution degree</b>                       | 3   | <b>EAN13 code</b>                   | 8015747235471  |
| <b>Rated voltage according to UL/CSA</b>      | 50 V AC/120 V DC  | <b>eCl@ss 8.1</b>                   | 27440205   |
| <b>IP degree of protection</b>                | IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure | <b>ETIM 7.0</b>                     | EC000438   |
| <b>Further technical details</b>              |   | <b>Packaging Information</b>        |  |
| <b>Characteristics according to EN 61984</b>  | 6,5A 50V AC / 120V DC 0,8kV 3                                   | <b>Packaging length</b>             | 210,00 mm  |
| <b>Mating cycles</b>                          | ≥ 500   | <b>Packaging height</b>             | 200,00 mm  |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ   | <b>Packaging width</b>              | 130,00 mm  |
| <b>Contact resistance</b>                     | ≤ 4 mΩ  | <b>Packaging weight</b>             | 1,90 kg  |
| <b>Weight</b>                                 | 8,00 g  | <b>Packaging volume</b>             | 5,46 dm <sup>3</sup>   |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C  | <b>Packaging description</b>        | Carton box   |
| <b>UL 94 flammability rating</b>              | V-0   | <b>Packaging quantity</b>           | 200 Pcs  |
| <b>Tightening torque for fixing screws</b>    | M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)                     | <b>Packaging EAN code</b>           | 8015747235495  |
|   |   | <b>Sub-packaging length</b>         | 197,00 mm  |
|   |   | <b>Sub-packaging height</b>         | 35,00 mm   |
|   |   | <b>Sub-packaging width</b>          | 113,00 mm  |
|   |   | <b>Sub-packaging weight</b>         | 0,38 kg  |
|   |   | <b>Sub-packaging volume</b>         | 0,78 dm <sup>3</sup>   |
|   |   | <b>Sub-packaging description</b>    | Carton tray  |
|   |   | <b>Sub-packaging quantity</b>       | 40 Pcs   |
|   |   | <b>Sub-packaging EAN barcode</b>    | 8015747235501  |

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Catalogue drawings



Derating curves

**CQ 21 poles connector inserts**  
**Maximum current load derating diagram**

