

Cable connector - HC-28P1N1280DU - 1590412

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Cable connector, straight, Screw locking, M27, Number of positions: 28, Type of contact: Male connector, Solder connection, shielded: Yes, Cable diameter: 2 mm...14.5 mm



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 80.25 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|--|----------------------|
| Type of locking | Screw locking |
| Insertion/withdrawal cycles mechanical | 50 |
| Direction of rotation of contact chamber numbering | Standard |
| Coding | N |
| Contact connection method | Solder connection |
| Type of contacts | Male connector |
| Number of positions | 28 |
| Contact diameter of power contacts | 1 mm |
| Litz wire cross section of power contacts min. | 0.08 mm ² |
| Litz wire cross section of power contacts max. | 1 mm ² |
| Nominal current per power contact at 25°C | 8 A |
| Conductor entry | 2 mm ... 14.5 mm |

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -20 °C ... 125 °C |
| Degree of protection | IP67 |

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Technical data

Material

| | |
|----------------------------|--|
| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Insulator material | PA66 |
| Contact material | CuZn |
| Contact surface | Nickel-plated, gold coating |
| Gasket and O-ring material | FPM |

Specifications according to DIN EN 61984:2001

| | |
|---|--------|
| Installation height max. | 2000 m |
| Nominal / operating voltage of power contacts | 150 V |
| Rated surge voltage of power contacts | 1.5 kV |
| Surge voltage category of power contacts | II |
| Pollution degree of power contacts | 3 |
| Surge voltage category of signal contacts | II |
| Pollution degree of signal contacts | 3 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 27440312 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002641 |

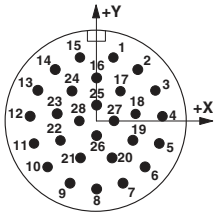
UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |

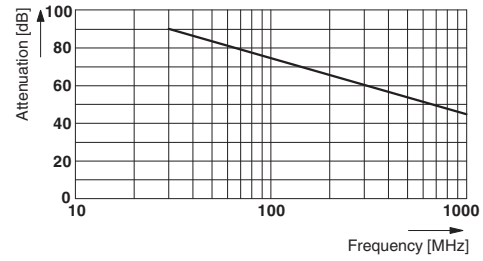
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Drawings

Schematic diagram



Diagram



Dimensioned drawing

