



HDC | HDC HD

TE Internal #: 2316815-2

Connector Contacts, Tab, Gold, Nickel, 250 VAC / 600 VAC, 250 VDC / 600 VDC, Locking Lance Contact Retention, Wire-to-Wire, Discrete Wire, HDC HD

[View on TE.com >](#)

Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Tab**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Nickel**

Operating Voltage: **250 VDC, 600 VDC**

**Features**

**Product Type Features**

|                                   |                               |
|-----------------------------------|-------------------------------|
| Barrel Type                       | Open Barrel                   |
| Discrete Wire Type                | Stranded                      |
| Glow Wire Rating                  | Standard Part - Not Glow Wire |
| Connector System                  | Wire-to-Wire                  |
| Connector & Contact Terminates To | Wire & Cable                  |

**Configuration Features**

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

**Electrical Characteristics**

|                   |                  |
|-------------------|------------------|
| Operating Voltage | 250 VDC, 600 VDC |
|-------------------|------------------|

**Contact Features**

|                                       |                           |
|---------------------------------------|---------------------------|
| Underplate Material Thickness         | 1.27 $\mu$ m[50 $\mu$ in] |
| Contact Mating Area Plating Thickness | .38 $\mu$ m[15 $\mu$ in]  |
| Contact Shape & Form                  | Rectangular               |
| Contact Length                        | 25.3 mm[.996 in]          |



|  |              |
|--|--------------|
| Contact Underplating Material                  | Nickel       |
| Contact Type                                   | Tab          |
| Contact Mating Area Plating Material           | Gold         |
| Wire Contact Termination Area Plating Material | Nickel       |
| Contact Retention Within Housing               | With         |
| Contact Base Material                          | Copper Alloy |
| Contact Current Rating (Max)                   | 10 A         |

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Locking Lance |
|---------------------------------------|---------------|

### Dimensions

|  |                               |
|--|-------------------------------|
| Accepts Wire Insulation Diameter Range | 1.2 – 2.6 mm [.047 – .102 in] |
| Wire Size                              | 24 – 20 AWG                   |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Identification Marking

|                 |   |
|-----------------|---|
| Wire Range Mark | M |
|-----------------|---|

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant  |
| EU ELV Directive 2000/53/EC                   | Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free  |

Solder Process Capability

Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts



TE Part # 2-2151080-1  
OCEAN\_2.0\_APPLICATOR-S-062F110F



TE Part # 2151080-1  
OCEAN\_2.0\_APPLICATOR-S-062F110F



TE Part # 2151080-2  
OCEAN\_2.0\_APPLICATOR-S-062F110FA



TE Part # 7-2151080-1  
OCEAN\_2.0\_APPLICATOR-S-062F110F




TE Part # 7-2151080-2  
OCEAN\_2.0\_APPLICATOR-S-062F110FA




TE Part # 7-2151080-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-062F110F


### Also in the Series | HDC HD



Connector Contacts(24)



Insertion & Extraction Tools(5)



Rectangular Contact Inserts(44)

### Customers Also Bought



TE Part #1-5102321-0  
A/L UNIV HDR 50P VERT LG LAT



TE Part #6-1879021-7  
SMW3 56R 5%



TE Part #2-1879021-1  
SMW3 R68 5%



TE Part #1SNK167012R0000  
MC812PA 1 (x100) Vertical



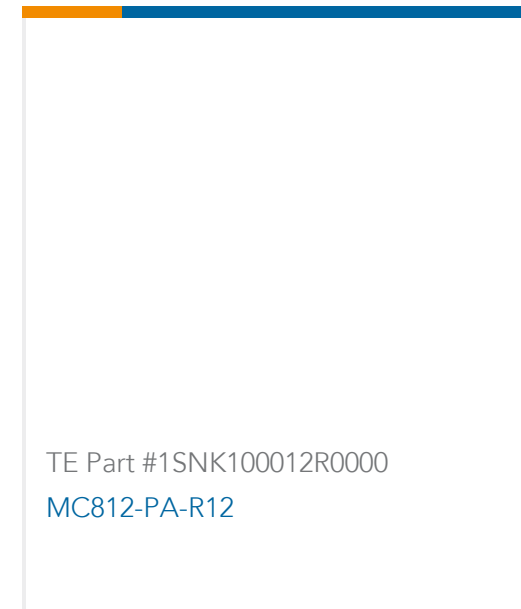
TE Part #1SNK710011R0000  
ZK10-3P



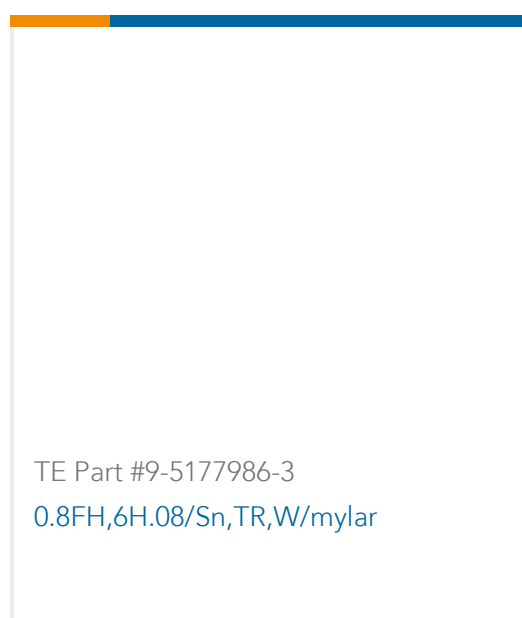
TE Part #1SNK710911R0000  
EK10-3P



TE Part #3-2316109-0  
30P,2MM,REC,HSG,DR,CRIMP,LCK  
RAMP,BOX



TE Part #1SNK100012R0000  
MC812-PA-R12



TE Part #9-5177986-3  
0.8FH,6H.08/Sn,TR,W/mylar

## Documents

### Product Drawings

[HD3 TAB CONTACT AU0.38 M SIZE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2316815-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2316815-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2316815-2\\_B.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages



## HEAVY DUTY CONNECTORS

English

[HDC Dynamic Connector](#)

[HDC Dynamic Connector](#)

Japanese

[HDC Dynamic Connector](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English