

3-88189-0 ✓ ACTIVE

TE Internal #: 3-88189-0

FFC Connectors, Housing, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, 2 Row, Pin, Package, Mating Retention, Normal, Mating Alignment

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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Connectors



FFC Connector Product Type: **Housing**

Connector System: **Wire-to-Board**

Number of Positions: **10**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Rows: **2**

## Features

### Product Type Features

Connector & Housing Type	Plug
FFC Connector Product Type	Housing
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable
Insertion Force Type	Normal

### Configuration Features

Number of Positions	10
Number of Rows	2

### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	720 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	300 VAC

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Type	Pin
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### Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Retention Type	Detent Window
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm [.1 in]
FFC Cable Entry	Straight

### Dimensions

Row-to-Row Spacing	2.54 mm [.1 in]
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C [-85 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### Other

Wire-to-Board Connector Comment	Housing sizes smaller than 20-position have only one detent window.
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### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC



Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability







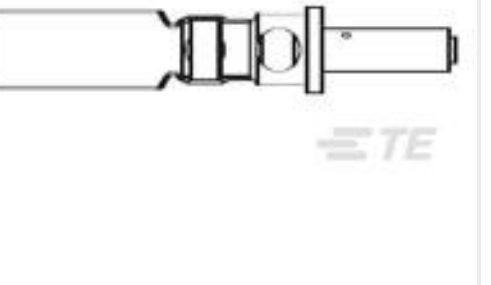

Product Compliance Disclaimer

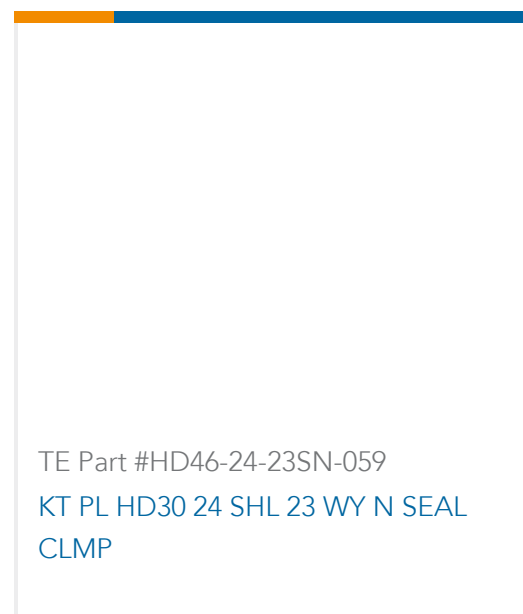
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # CAT-F439-P65254 2.54mm FFC Connectors Pin Contacts</p>	 <p>TE Part # 87631-6 10 MODIV HSG DR MRKD .100 POL</p>	 <p>TE Part # 87631-5 10 MODIV HSG COMP DR .100 POL</p>	 <p>TE Part # 3-88179-0 010 HOUSING FFC RCPT DR 100CL</p>
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### Customers Also Bought

 <p>TE Part #86656-2 FFC PIN ROUND WIRE PLTD AU15</p>	 <p>TE Part #63640-1 RING 18-14 AWG TPCRSTL</p>	 <p>TE Part #5516930001 RPS-1K-6-250/2.0-9</p>	 <p>TE Part #1-1579007-7 EXTRACTION TOOL</p>
 <p>TE Part #320677-000 D-621-0417-L</p>	 <p>TE Part #11032567-00 44033RC,THERM,ROHS</p>	 <p>TE Part #601099-000 D-602-0106</p>	 <p>TE Part #320187-000 55A0122-26-9/96</p>



## Documents

### Product Drawings

[010 HOUSING FFC PIN DR 100CL](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_3-88189-0\\_AS.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-88189-0\\_AS.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-88189-0\\_AS.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

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

English

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

English

[Extraction Tool for Flexible Flat Cable \(FFC\)](#)

English

### Agency Approvals

[CSA Certificate](#)

English