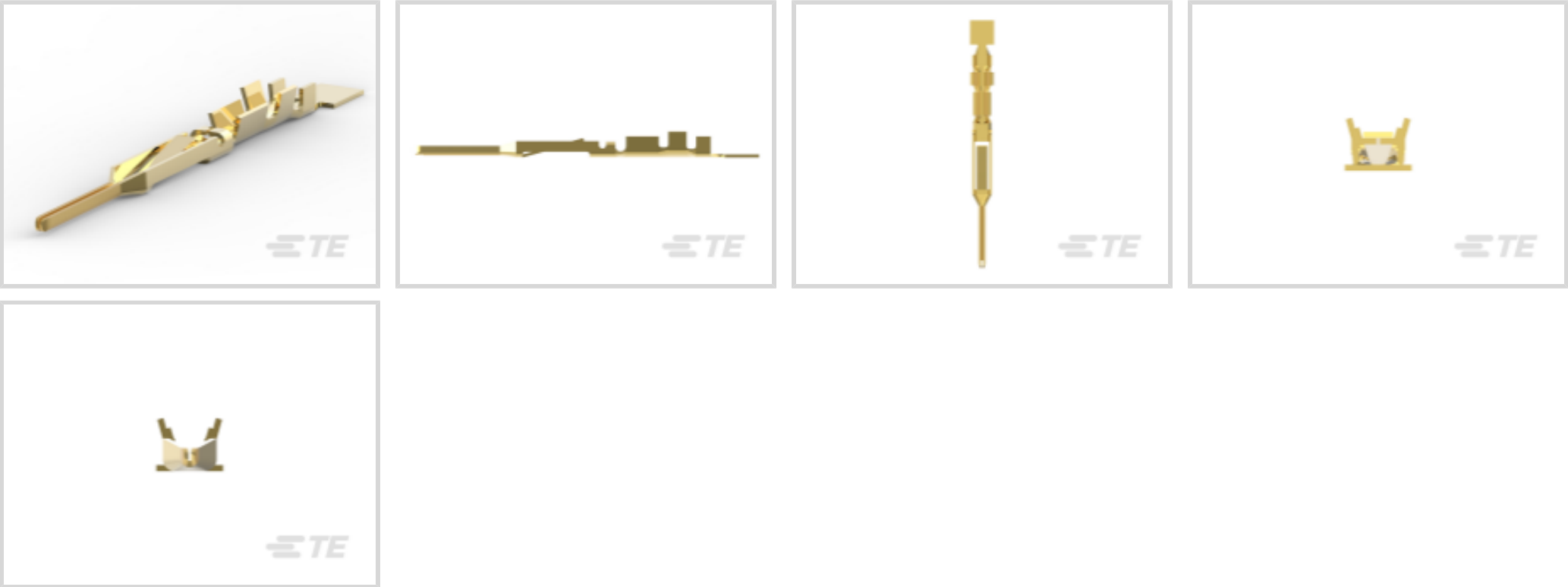




TE Internal #: 86561-6
Pin Contact, Gold, Discrete Wire, 26 – 22 AWG, .12 – .4 mm² Wire,
Insulation Displacement (IDC), Phosphor Bronze, Signal, -65 – 105 °
C [-85 – 221 °F]
[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > 2.54mm FFC Connectors Pin Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold**
Compatible With Wire & Cable Type: **Discrete Wire**
Wire Size: **.12 – .4 mm²**

[All 2.54mm FFC Connectors Pin Contacts \(34\)](#)

Features

Packaging Features

Packaging Method	Loose Piece
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Dimensions

Accepts Conductor Width	2.33 mm, 1.27 mm
Compatible Insulation Diameter Range	1.02 – 1.42 mm[.04 – .056 in]
Wire Size	.12 – .4 mm ²

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
	15 µin
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	2 A

Configuration Features



Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
Product Terminates To	Wire & Cable

Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

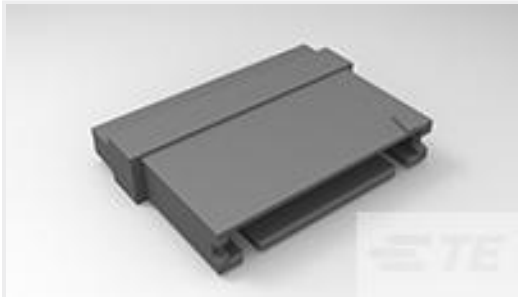
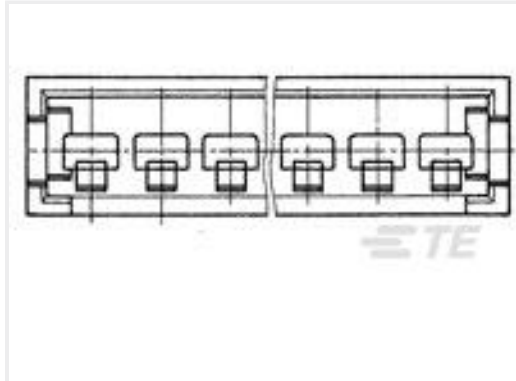
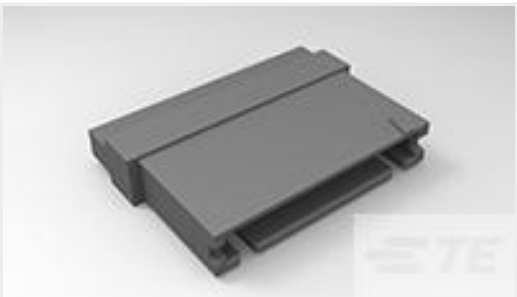
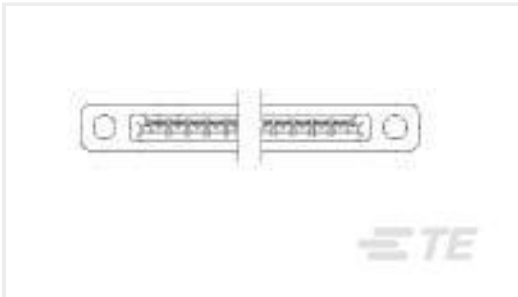
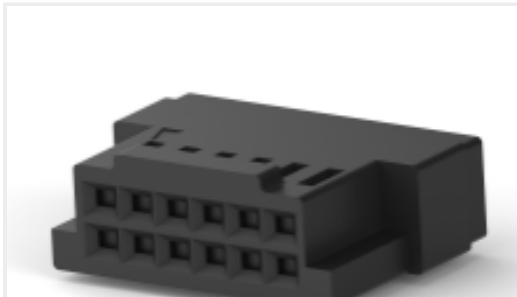
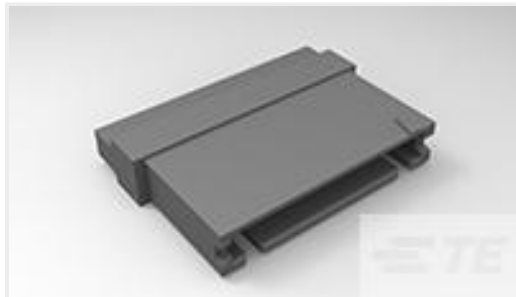
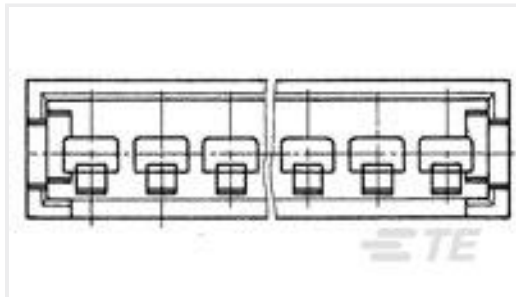
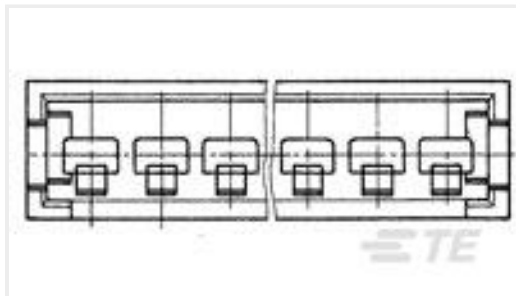
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

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>

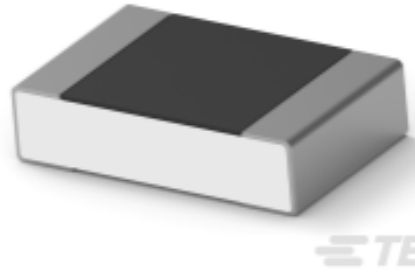


Compatible Parts

 TE Part # 1-88190-8 040 HOUSING FFC PIN DR 100CL	 TE Part # 1-485893-6 018 HOUSING FFC PIN 100CL SR	 TE Part # 1-88190-2 026 HOUSING FFC PIN DR 100CL	 TE Part # 3-88190-2 006 HOUSING FFC PIN DR 100CL
 TE Part # 1-485893-3 015 HOUSING FFC PIN 100CL SR	 TE Part # 2-487406-6 RCPT CONTACT,STD PRESS,FFC	 TE Part # 3-88189-2 006 HOUSING FFC PIN DR 100CL	 TE Part # 280633 AMPMODU II COSI PIN HSG, SGL ROW, 10 POS
 TE Part # 485893-7 009 HOUSING FFC PIN 100CL SR	 TE Part # 485897-2 004 HOUSING FFC PIN 100CL SR	 TE Part # CAT-F439-R2435254 2.54mm FFC Connectors Receptacle Housing	 TE Part # 1-485893-8 020 HOUSING FFC PIN 100CL SR
 TE Part # 1-88190-0 024 HOUSING FFC PIN DR 100CL	 TE Part # 3-88190-4 016 HOUSING FFC PIN DR 100CL	 TE Part # 280628 AMPMODU II COSI PIN HSG, SGL ROW, 2 POS.	 TE Part # 280630 AMPMODU II COSI PIN HSG, SGL ROW, 6 POS.
 TE Part # 280629 AMPMODU II COSI PIN HSG, SGL ROW, 4 POS.	 TE Part # 1-485893-0 012 HOUSING FFC PIN 100CL SR	 TE Part # 1-485893-4 016 HOUSING FFC PIN 100CL SR	 TE Part # 280634 AMPMODU II COSI PIN HSG, SGL ROW, 12 POS

Customers Also Bought





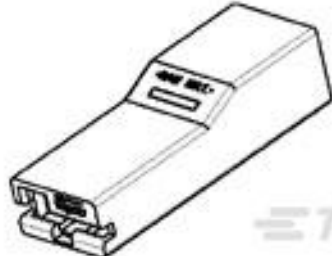
TE Part #3-2176378-2
RQ 0805 21R 0.1% 10PPM 5K RL



TE Part #280358
AMPMODU II REC. HSG, SINGLE ROW 2 POS



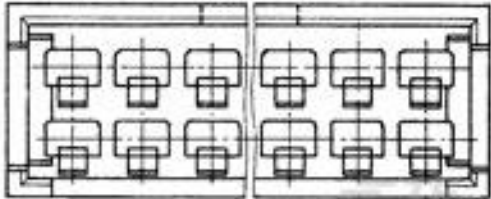
TE Part #T4110011031-000
M12 F, 3P GOLD A_CODE S SHIELDED PG7



TE Part #280232-6
250 FASTON POST INS.,REC.,1 POS, NATRUAL



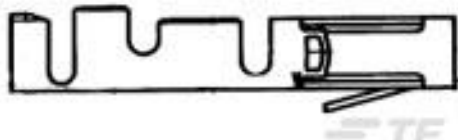
TE Part #8-2176412-2
5W XSM M/OX 5% 12K



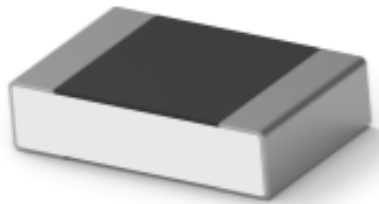
TE Part #280637
4POS DBL PIN HSG



TE Part #6-2271111-2
M12, MALE, A CODE, 12P, PG9, SHIELDED(AU)



TE Part #182207-2
AMP MODU II RCPT CONT COSI LP



TE Part #2-2176379-4
RQ 0805 187R 0.1% 10PPM 5K RL

TE Part #T4110002052-000
M12,FEMALE,STRAIGHT,A CODE,5P, PG9,SILVER

Documents

Product Drawings
ROUND WIRE PIN L.P.

English
ROUND WIRE PIN L.P.

English

CAD Files
Customer View Model
ENG_CVM_CVM_86561-6_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_86561-6_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_86561-6_D.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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Extraction Tool for Flexible Flat Cable (FFC)

English