



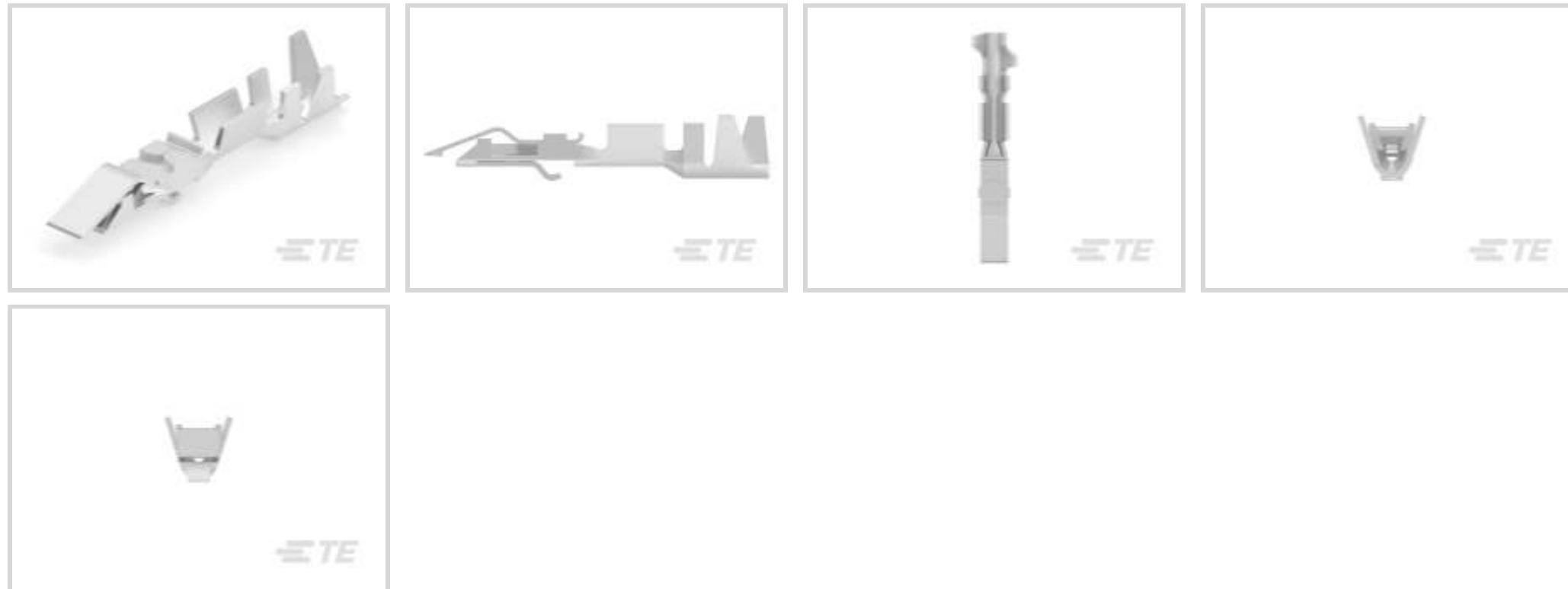
AMP

TE Internal #: 5-87124-2

Connector Contact, Socket, Wire-to-Board, 26 – 22 AWG Wire Size, 254.1 – 642.4 CMA Wire Size, .12 – .4 mm² Wire Size, Tin, Strip, Wire & Cable, 3 A

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Wire Size: **.12 – .4 mm²**

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
	100 μin
Wire Contact Termination Area Plating Material	Tin
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze

Contact Type	Socket
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Contact Mating Area Plating Material	Tin
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Contact Current Rating (Max)	3 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	.97 – 1.57 mm [.038 – .062 in]
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Wire Size	.12 – .4 mm ²
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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

Approved Standards	CSA LR7189, UL E28476
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Packaging Features

Packaging Quantity	7000
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Packaging Method	Strip
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Other

Connector Contacts Comment	(*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for any tooling questions., These contacts must be crimped per AMP Specification No. 114-25006 in order to function properly in a connector housing.
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235)
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Candidate List Declared Against: JUNE
2023 (235)

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

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

TE Part # 87175-2
01 LOCKING CLIP HSG SR .100CL

TE Part # 87133-1
04 LOCKING CLIP HSG DR .100CL

TE Part # 926657-6
LOCKING CLIP HSG


TE Part # 926657-3
3P LOCKG CLIP GEH

TE Part # 926657-4
LOCKING CLIP HSG

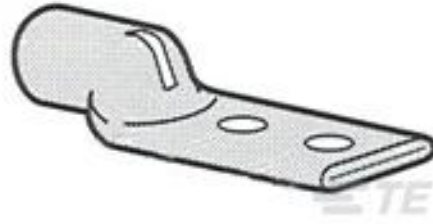
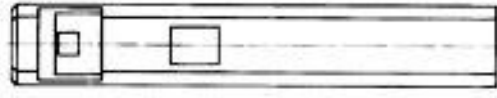






TE Part # 1-87175-0
04 LOCKING CLIP HSG SR .100CL

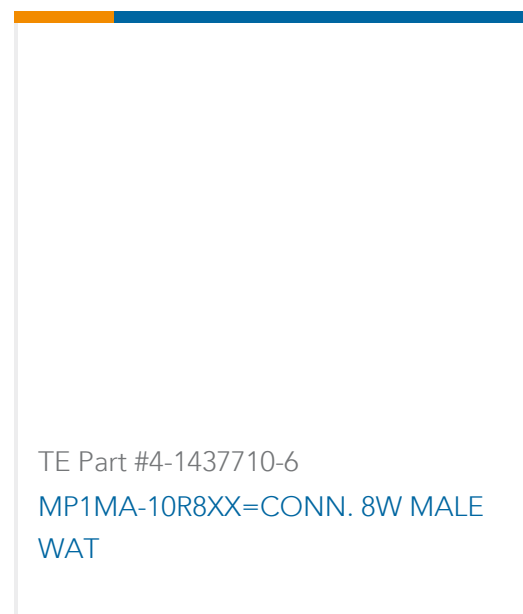
TE Part # 926209-3
LOCKING CLIP HSG.

TE Part # 1-87175-7
08 LOCKING CLIP HSG SR MRKD

 <p>TE Part # 87133-9 08 LOCKING CLIP HSG DR .100CL</p>	 <p>TE Part # 926010-1 LOCKING CLIP HSG</p>	 <p>TE Part # 1-87175-2 05 LOCKING CLIP HSG SR .100CL</p>	 <p>TE Part # 87133-2 10 LOCKING CLIP HSG DR .100CL</p>
 <p>TE Part # 926209-5 LOCKING CLIP HSG.</p>	 <p>TE Part # 1-87133-1 12 LOCKING CLIP HSG DR .100CL</p>	 <p>TE Part # 1-87175-3 06 LOCKING CLIP HSG SR MRKD</p>	 <p>TE Part # 1-87175-4 06 LOCKING CLIP HSG SR .100CL</p>
 <p>TE Part # 1-87175-6 07 LOCKING CLIP HSG SR .100CL</p>	 <p>TE Part # 1-87175-8 08 LOCKING CLIP HSG SR .100CL</p>	 <p>TE Part # 2-87175-2 10 LOCKING CLIP HSG SR .100CL</p>	 <p>TE Part # 926209-4 2X4P LOCK-CLIP GEH</p>

Customers Also Bought

 <p>TE Part #326799 TERMINAL,AMPOWER 2 3/8</p>	 <p>TE Part #926657-4 LOCKING CLIP HSG</p>	 <p>TE Part #1-87175-2 05 LOCKING CLIP HSG SR .100CL</p>	 <p>TE Part #1670802-1 MCON 2.8 TERMINAL - LL</p>
 <p>TE Part #1452737-1 COVER 113 DEGREE</p>	 <p>TE Part #1-200871-0 SER. "M" JACKSCREW MALE ASSY</p>	 <p>TE Part #6-2176094-0 RP 2A 0.25W 499K 0.1% 25PPM 1K RL</p>	 <p>TE Part #8-2176370-2 RQ 0603 3K01 0.1% 10PPM 5K RL</p>



Documents

Product Drawings

[LOCKING CLIP CONT ASY .025 SQ](#)

English

CAD Files

Customer View Model

[ENG_CVM_5-87124-2_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5-87124-2_S.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_5-87124-2_S.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-87124-2_AB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-87124-2_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-87124-2_AB.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

English

Product Specifications

[Application Specification](#)

English



Product Environmental Compliance

Product Compliance

English

Product Compliance

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