



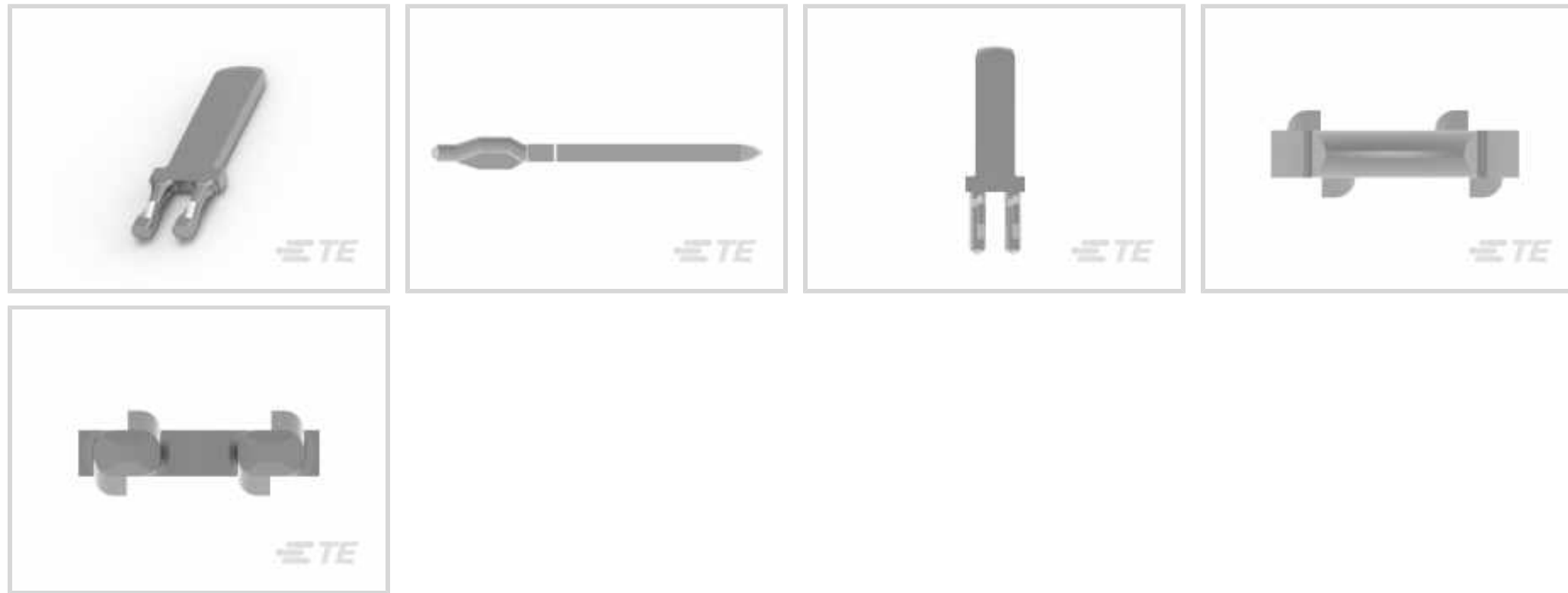
Press Fit Pin

TE Internal #: 1-1452688-2

Automotive Terminals, Tab, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .8 mm [.031 in], Tin (Sn) Interface Plating, Press Fit Pin

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > PRESS FIT PIN TERMINALS



Terminal Type: **Tab**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.8 mm [.031 in]**

Primary Locking Feature: **Overmolded**

Interface Plating: **Tin (Sn)**

[All PRESS FIT PIN TERMINALS \(83\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Overmolded

Contact Features

Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
PCB Contact Termination Area Plating Material	Tin
Terminal Type	Tab
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Product Terminates To	Printed Circuit Board



Dimensions

Tab Length	14.9 mm[.587 in]
PCB Hole Diameter	1.35 mm[.053 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	30000
Packaging Method	Reel

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	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 # CAT-P100
Pin Insertion Machine P100



TE Part # CAT-P280
P280 PIN INSERTION MACHINE



TE Part # CAT-P300
Pin Insertion Machine P300



TE Part # CAT-P360
P360 Pin Insertion Machine




TE Part # CAT-P550
Pin Insertion Machine P550



TE Part # 2410420-3
EP PIN INSERTION MACHINE

Also in the Series | Press Fit Pin



Automotive Terminals(81)

Customers Also Bought



TE Part #1-1452692-3
PRESS FIT PIN TERMINALS



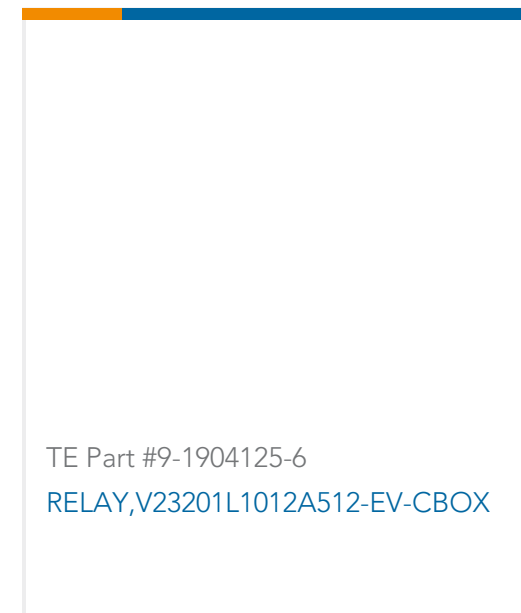
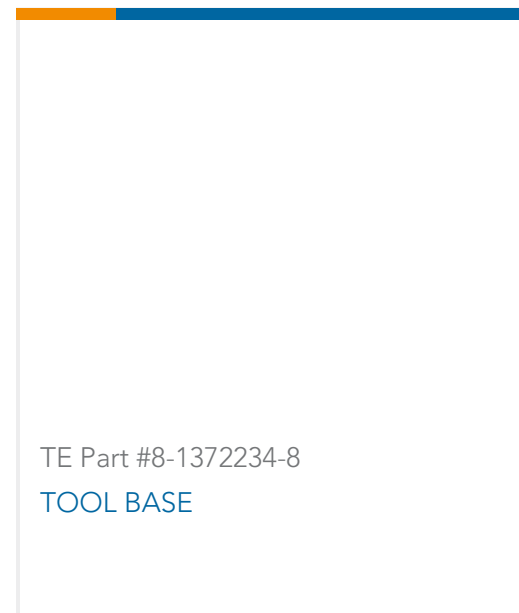
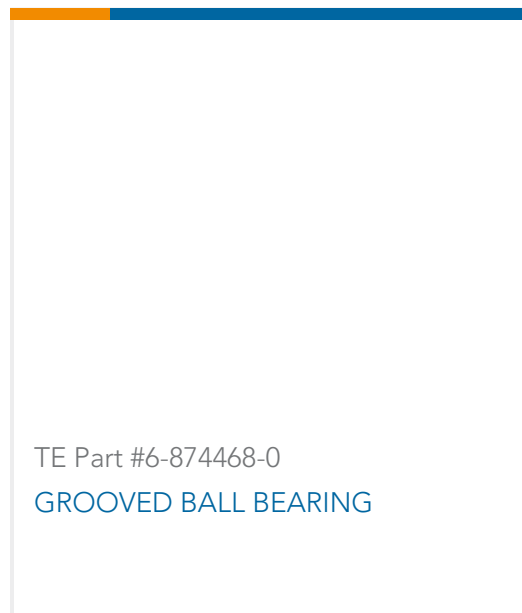
TE Part #1670208-2
MQS1,5 AgSn rec circuit board CB unseal.



TE Part #4-1393224-5
RY211009



TE Part #8-1416000-7
V23086C1021A502



Documents

Product Drawings

[TAB 2.8X0.8 WITH ACTION PIN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1452688-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1452688-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1452688-2_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English