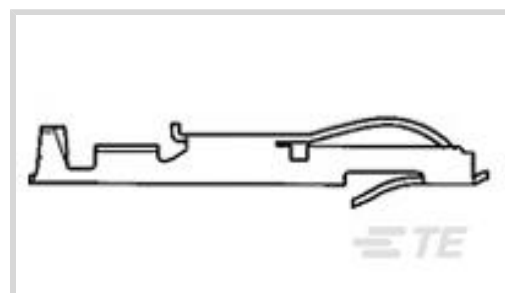




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Centerline (Pitch): **3.18 mm, 3.96 mm [ .156 in ]**

Wire Size: **642 – 1624 CMA**

## Features

### Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Contact Features

Contact Retention Within Housing	With 30 µin
Wire Contact Termination Area Plating Material	Tin-Lead
PCB Contact Termination Area Plating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	5 A

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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### Housing Features

Centerline (Pitch)	3.18 mm, 3.96 mm [.156 in]
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### Dimensions

Accepts Wire Insulation Diameter Range	1.14 – 2.41 mm [.045 – .095 in]
Wire Size	.3 – .9 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Identification Marking

Wire Range Color Code	Violet
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### Packaging Features

Packaging Quantity	7000
Packaging Method	Strip

### Product Compliance

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

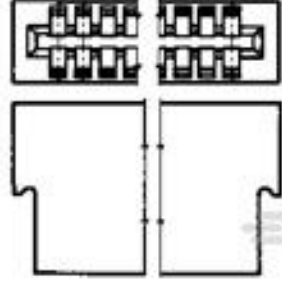
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Pb (13% in COMPONENT PART) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

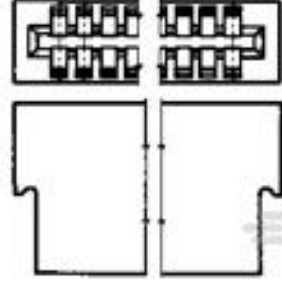
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

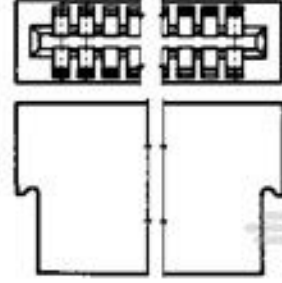
## Compatible Parts



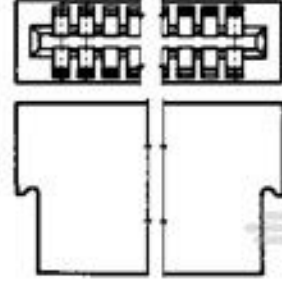
TE Part # 583717-1  
TW-LEAF CRP HSG 10 POS 100 C/L



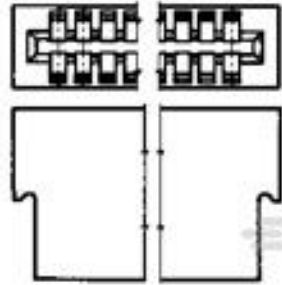
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TW-LEAF CRP HSG 25 POS 100 C/L



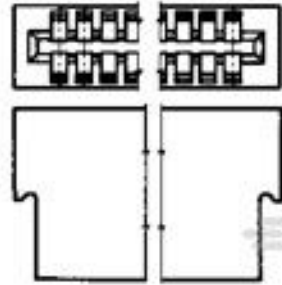
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TW LEAF CRP HSG. 30-POS.



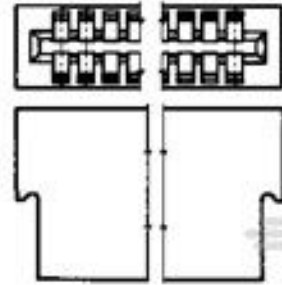
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TW-LEAF CRP HSG 50 POS 100 C/L



TE Part # 2-583717-7  
TW LEAF CRP. HSG. 14 POS.



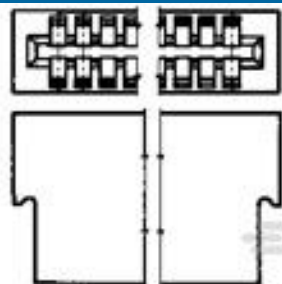
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TW-LEAF CRP HSG 20 POS 100 C/L



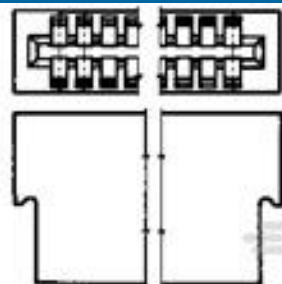
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TW-LF CRP HSG 13 POS 100C/L



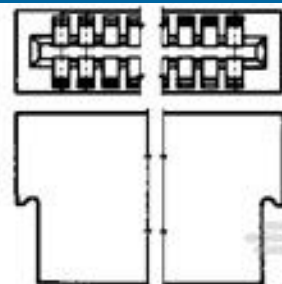
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TW-LEAF CRP HSG 40 POS 100 C/L



TE Part # 2-583717-1  
TW LEAF CRP HSG. 6-POS.



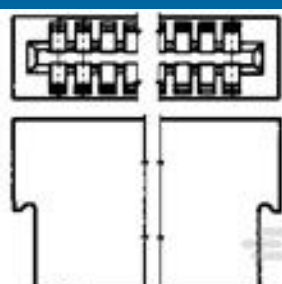
TE Part # 2-583717-3  
TW LEAF CRP HSG. 7-POS.



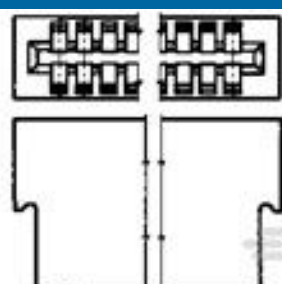
TE Part # 3-583717-9  
HOUSING CSTL 100 C/L 8 POS



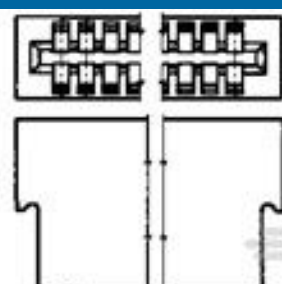
TE Part # 583717-3  
TW LEAF CRP HSG. 15-POS.



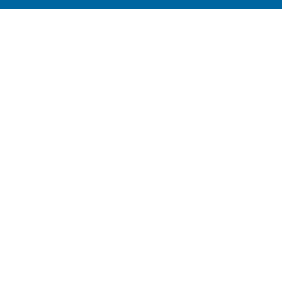
TE Part # 583717-5  
17 POS TWIN LEAF CRP HSG



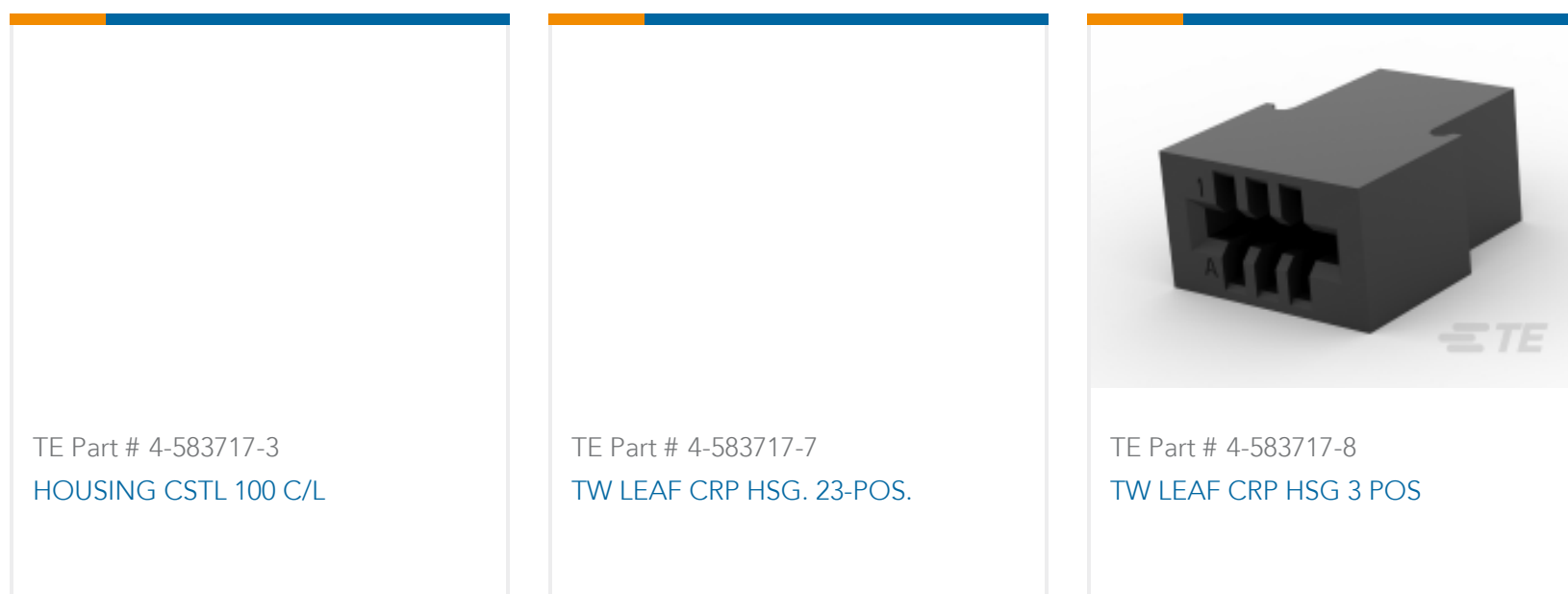
TE Part # 583717-7  
TW-LEAF CRP HSG 18 POS 100 C/L



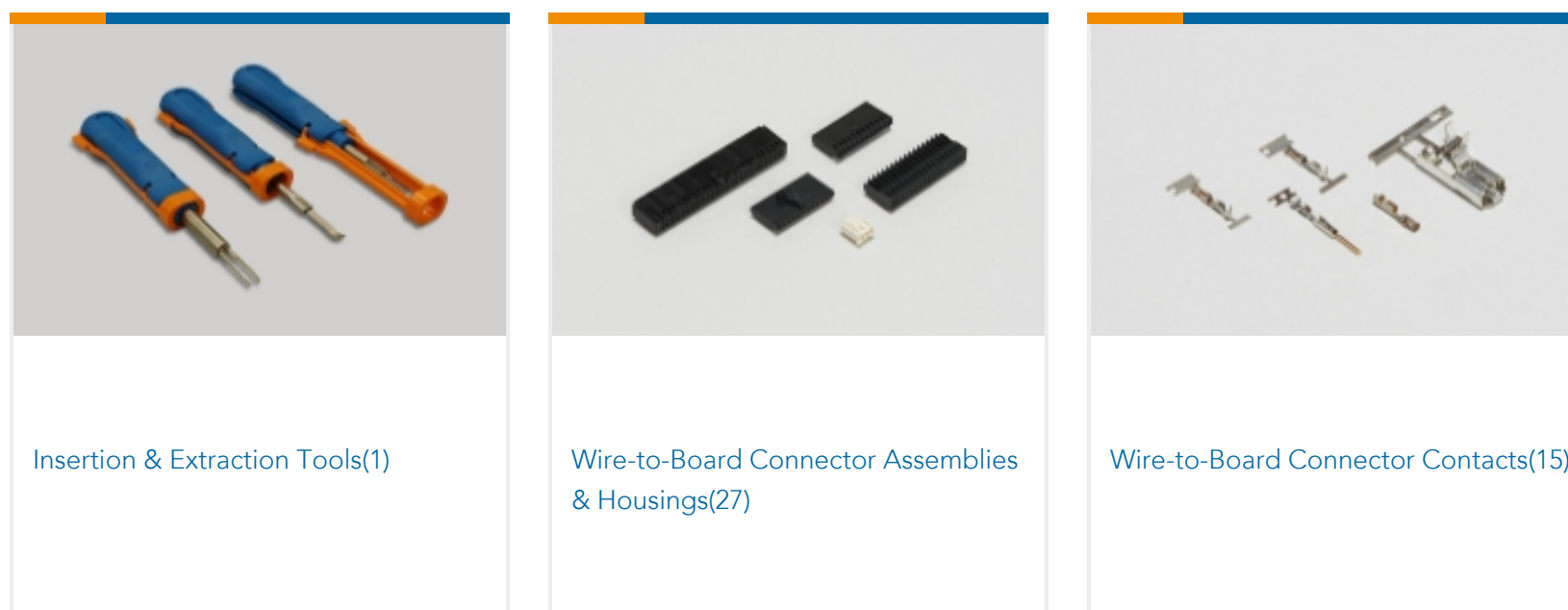
TE Part # 583717-9  
TW-LEAF CRP HSG 22 POS 100 C/L



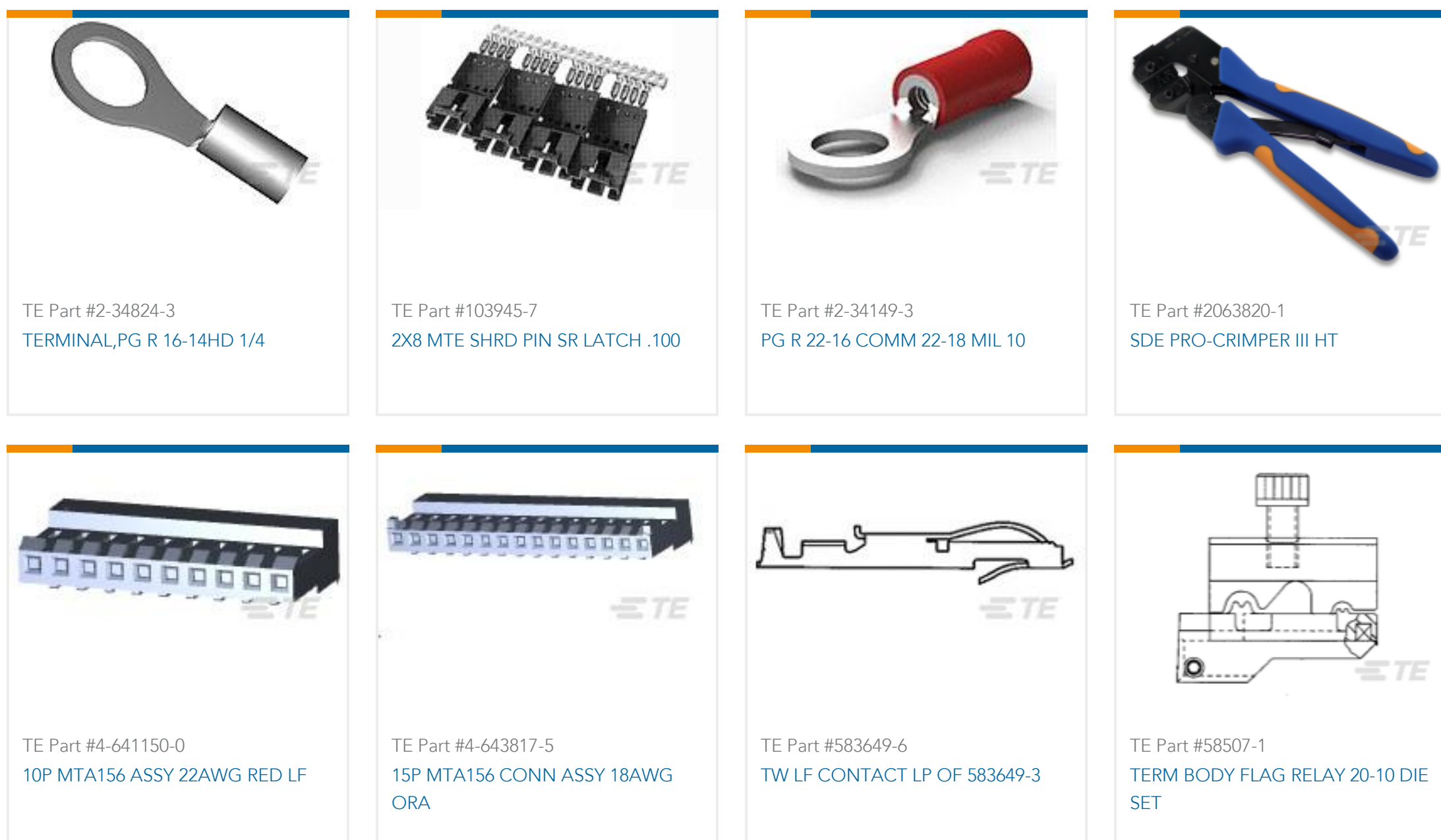
TE Part # 4-583717-2  
HOUSING CSTL 100 C/L



## Also in the Series | AMP Twin-Leaf



## Customers Also Bought



## Documents

### Product Drawings

[CONT.CRP.SNAP TW.LF.STRIP](#)

English

### CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_583649-3\\_BS\\_c-583649-3-bs.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_583649-3\\_BS\\_c-583649-3-bs.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_583649-3\\_BS\\_c-583649-3-bs.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English