



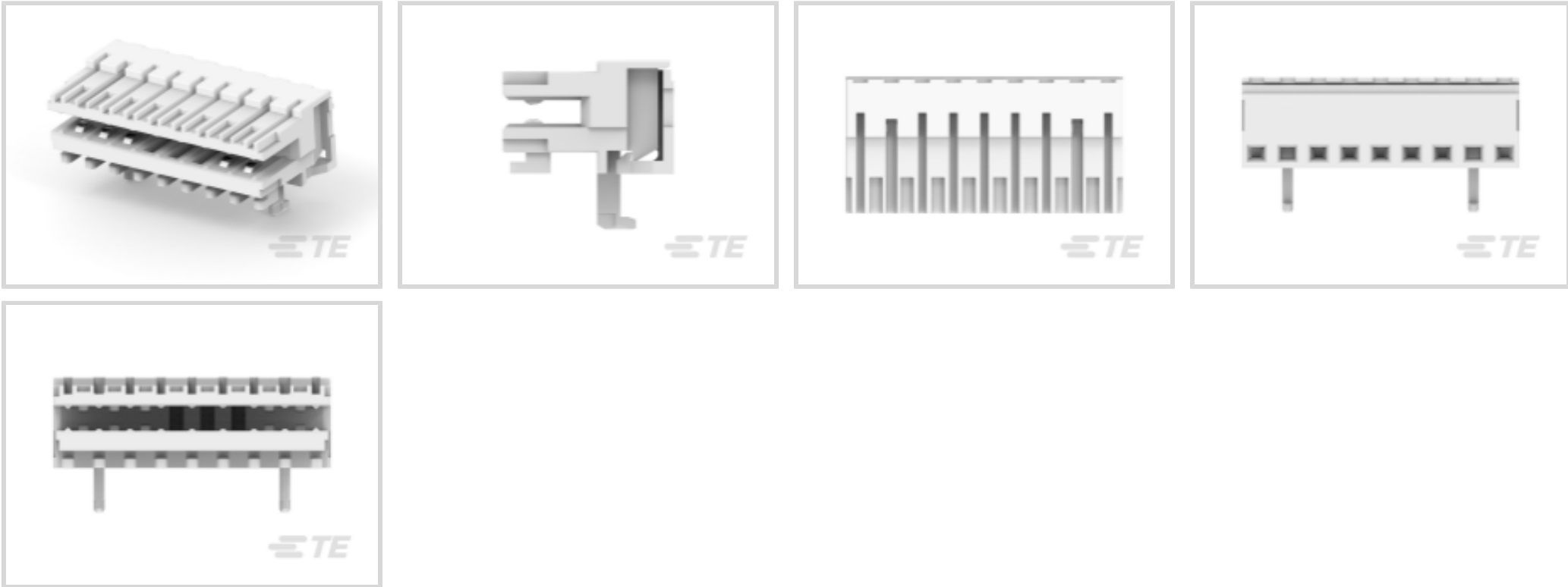
RAST

TE Internal #: 4-1534798-8

Standard Edge Connectors, Wire-to-Board, 8 Position, 2.5mm [.098in] Centerline, Insulation Displacement Crimp (IDC), 1 Row, Natural Housing Color

[View on TE.com >](#)

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



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

Number of Positions: **8**

Centerline (Pitch): **2.5 mm [ .098 in ]**

Termination Method to Wire & Cable: **Insulation Displacement Crimp (IDC)**

Number of Rows: **1**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector System                  | Wire-to-Board         |
| Connector & Housing Type          | Receptacle            |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                                   |                    |
|-----------------------------------|--------------------|
| Card Entry Style                  | Side               |
| Compatible With Wire & Cable Type | Discrete Wire      |
| Number of Positions               | 8                  |
| Number of Rows                    | 1                  |
| Connector Contact Load Condition  | Selectively Loaded |
| PCB Mount Orientation             | Right Angle        |

Electrical Characteristics

|                   |       |
|-------------------|-------|
| Operating Voltage | 250 V |
|-------------------|-------|

Contact Features

|                                  |      |
|----------------------------------|------|
| Contact Retention Within Housing | With |
|----------------------------------|------|



|                                                |          |
|------------------------------------------------|----------|
| Contact Type                                   | Socket   |
| Contact Mating Area Plating Material Thickness | 3 – 6 µm |
| Contact Mating Area Plating Material           | Tin      |
| PCB Contact Termination Area Plating Material  | Tin      |
| Contact Base Material                          | CuSn     |
| Contact Current Rating (Max)                   | 2 A      |

Termination Features

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement Crimp (IDC) |
|------------------------------------|-------------------------------------|

Mechanical Attachment

|                                       |                            |
|---------------------------------------|----------------------------|
| Mating Alignment Type                 | Keyed                      |
| Mating Retention                      | Without                    |
| Mating Alignment                      | With                       |
| Contact Retention Type Within Housing | Locking Lance              |
| Panel Mount Feature                   | Without                    |
| PCB Mount Retention                   | Without                    |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |

Housing Features

|                             |                 |
|-----------------------------|-----------------|
| Housing Entry Configuration | Both Ends Open  |
| Centerline (Pitch)          | 2.5 mm[.098 in] |
| Housing Color               | Natural         |
| Housing Material            | PA 6 GF         |

Dimensions

|                                        |                              |
|----------------------------------------|------------------------------|
| Connector Height                       | 7.3 mm[.287 in]              |
| PCB Thickness (Recommended)            | 1.5 mm[.059 in]              |
| Accepts Wire Insulation Diameter Range | 1.2 – 1.6 mm[.047 – .063 in] |
| Wire Size                              | .22 – .35 mm²                |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|



|                            |      |
|----------------------------|------|
| Packaging Quantity         | 6776 |
| Other                      |      |
| Position Locations Omitted | 6    |

Product Compliance

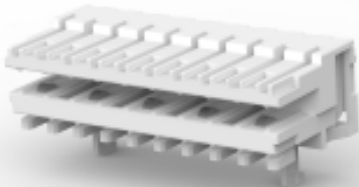
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JUN 2020 (209)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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



TE Part # 3-1534798-9  
AMP DUOPLUG MARK II  
CONNECTOR3-20P SELEC



TE Part # 1-1534798-9  
DUOPLUG MK II SELECTIVE LOADED



TE Part # 3-1534798-7  
AMP DUOPLUG MK2 CONNECTOR  
7P SELECTIVE



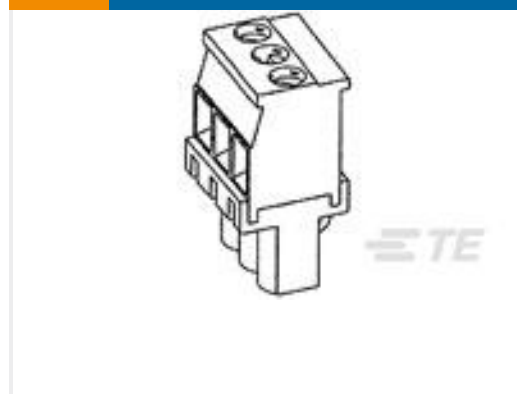
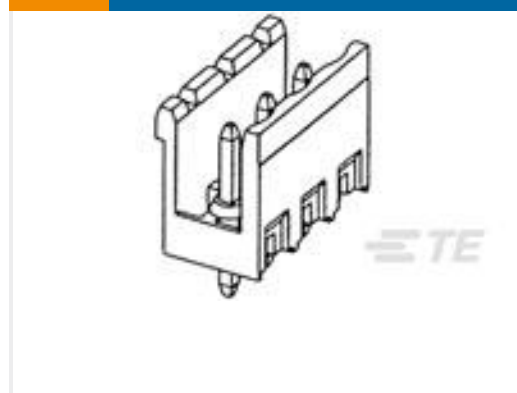
TE Part # 3-1534798-8  
DUOPLUG MK II CONNECTOR3-20P  
SELEK LOAD

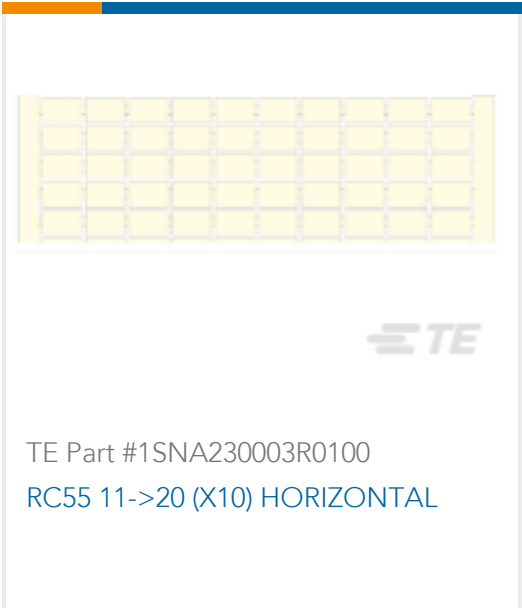




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|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 4-1534798-0<br/>AMP DUOPLUG MK II CON. 3-20 POS. SELECTIV</p>  |  <p>TE Part # 4-1534798-5<br/>AMP DUOPLUG MK II CON. 3-20 PO SELECTIV</p>    |  <p>TE Part # 4-1534798-6<br/>AMP DUOPLUG MK II CON. 3-20 POS. SELECTIV</p> |  <p>TE Part # 4-1534798-7<br/>AMP DUOPLUG MK2 CONNECTOR 7P SELECTIVE</p>   |
|  <p>TE Part # 5-1534798-6<br/>AMP DUOPLUG MK II CON. 3-20 POS. SELECTIV</p> |  <p>TE Part # 5-1534798-8<br/>AMP DUOPLUG MARK II CONNECTOR3-20P SELEC</p>  |  <p>TE Part # 5-1534798-9<br/>AMP Duoplug 2,5 MK II selektiv</p>           |  <p>TE Part # 6-1534798-8<br/>AMP DUOPLUG MARK II CONNECTOR SELE.LOAD</p> |
|  <p>TE Part # 6-1534798-9<br/>AMP Duoplug 2,5 MK II selektive loaded</p>   |  <p>TE Part # 7-1534798-8<br/>AMP DUOPLUG 2.5 MARK II FEMALE CONNECTOR</p> |  <p>TE Part # 8-1534798-8<br/>DUOPLUG MK II CONNECTOR3-20P SELEK LOAD</p> |                                                                                                                                                               |

Customers Also Bought

|                                                                                                                                                |                                                                                                                                                       |                                                                                                                                                  |                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #8-2176414-2<br/>7W STD M/OX 5% 47K</p>         |  <p>TE Part #102394-7<br/>18 AMP MODU MT HSG DR .100CL</p>        |  <p>TE Part #1546105-5<br/>5 POS 5.08MM LH PLUG BLCK</p>    |  <p>TE Part #1571217-3<br/>TACT,SMT,12X12,SEALED,T&amp;R</p>        |
|  <p>TE Part #282815-5<br/>TERMI-BLOK HEADER,ASSY90 5P.5</p> |  <p>TE Part #1571218-6<br/>TACT,SMT,12X12,SEALD,260GR,T&amp;R</p> |  <p>TE Part #282824-4<br/>TERMI-BLOK HEADER,ASSY90 4P.5</p> |  <p>TE Part #1SNA230002R0000<br/>RC55 1-&gt;10 (X10) HORIZONTAL</p> |



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1534798-8\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1534798-8\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1534798-8\_A.3d\_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English