



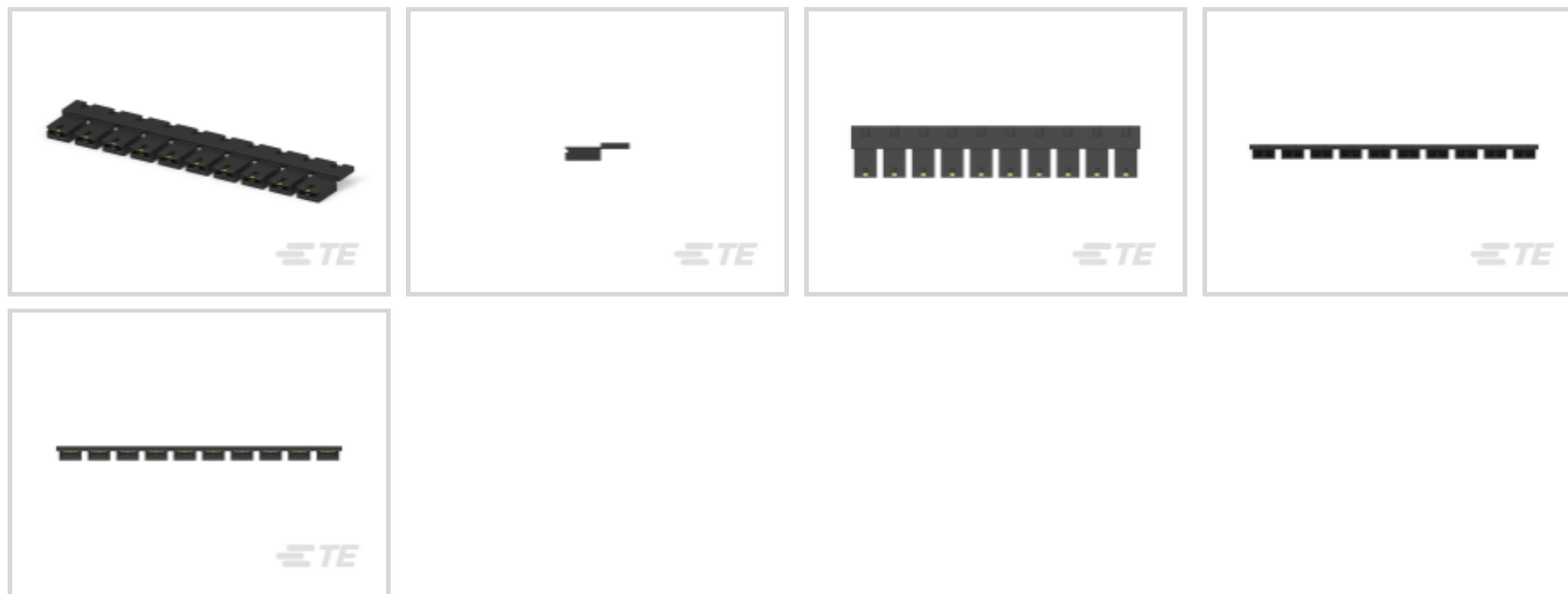
AMP

TE Internal #: 382811-6

Economy, Open Top, 2 Position, 2.54 mm [.1 in] Centerline, Signal, -65 – 105 °C [-85 – 221 °F], Board-to-Board Jumpers & Shunts

[View on TE.com >](#)

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Jumpers & Shunts



Shunt Type: **Economy**

Shunt Style: **Open Top**

Number of Positions: **2**

Centerline (Pitch): **2.54 mm [.1 in]**

Contact Current Rating (Max): **3 A**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector System | Board-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 2 |
|---------------------|---|

Electrical Characteristics

| | |
|-----------------------|---------|
| Insulation Resistance | 1000 MΩ |
|-----------------------|---------|

Body Features

| | |
|-----------------------|---------|
| Handle | Without |
| Primary Product Color | Black |

Contact Features

| | |
|--|-----------------|
| Contact Mating Area Plating Material Thickness | .381 μm[15 μin] |
| Contact Mating Area Plating Material | Gold |
| Contact Base Material | Phosphor Bronze |
| Shunt Type | Economy |



| | |
|-------------|----------|
| Shunt Style | Open Top |
|-------------|----------|

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 3 A |
|------------------------------|-----|

Housing Features

| | |
|------------------|----------------|
| Housing Material | Polyester - GF |
|------------------|----------------|

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 2.54 mm [.1 in] |
|--------------------|-----------------|

Dimensions

| | |
|----------------|------------------|
| Product Height | 6.35 mm [.25 in] |
|----------------|------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 105 °C [-85 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

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

Industry Standards

| | |
|---|------------------------------|
| Compatible With Approved Standards Products | CSA Certified, UL Recognized |
|---|------------------------------|

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------------|------------------------------|
| Jumper & Shunt Packaging | Breakaway Strip of 10 Pieces |
|--------------------------|------------------------------|

| | |
|--------------------|------|
| Packaging Quantity | 1500 |
|--------------------|------|

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

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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
|-----------------|--|

| | |
|---------------------------|--|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|--|

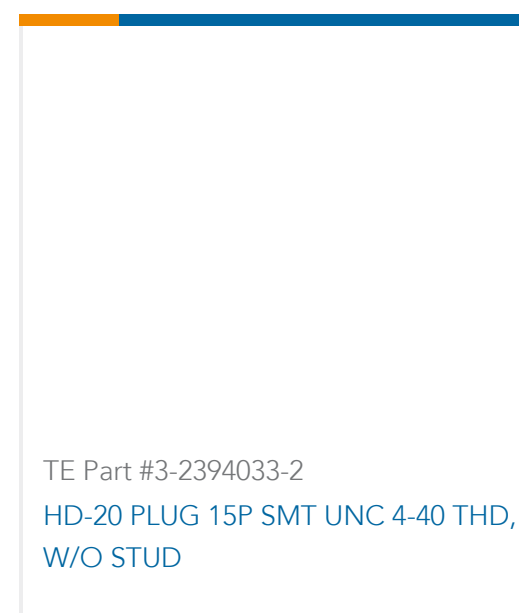
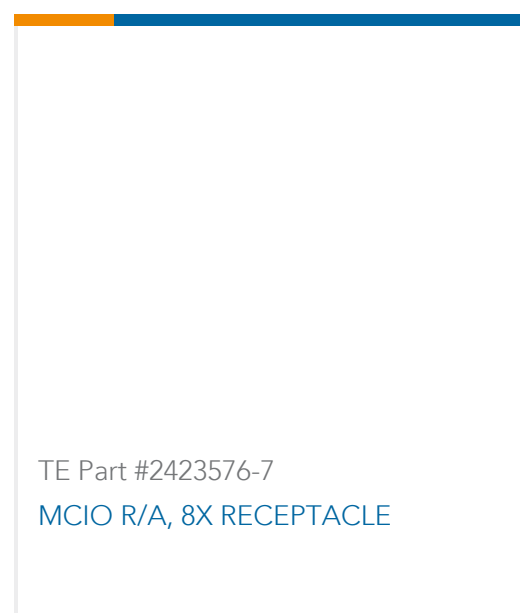
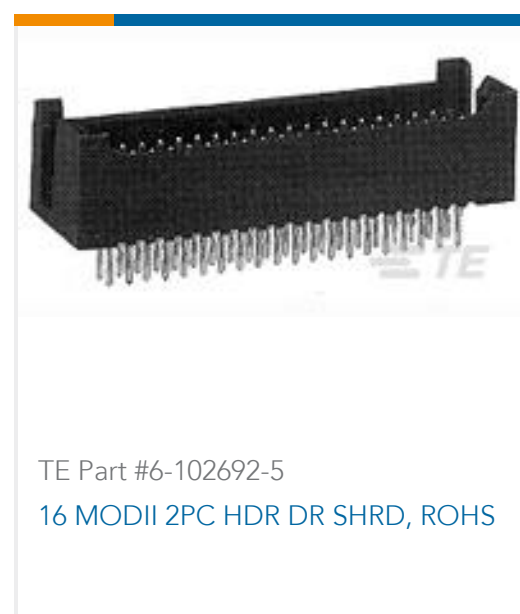
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

SHUNT, ECON, PHBR 15 AU,BLACK

English

CAD Files

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_382811-6_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_382811-6_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_382811-6_P.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Low Profile, Economy, and Dual Beam Shunt Connectors 382811, 390088, and 382823](#)

English

Agency Approvals

[Agency Approval Document](#)

English