AMP | AMPSEAL 16

AMPSEAL 16, Automotive, Truck, Bus, & Off-Road Terminals, Pin, Pin Diameter 1.588 mm [0.0625 in], Terminal Transmits 0 – 24 A (Low Power), 18 – 14 AWG

View on TE.com >

Terminals & Splices > Automotive, Truck, Bus, & Off-Road Terminals > AMPSEAL 16 CONTACTS

Terminal & Splice Type: **Pin**  
Mating Pin Diameter: **1.588 mm [0.0625 in]**  
Terminal Transmits: **0 – 24 A (Low Power)**  
Wire Size: **.8 – 2 mm²**

**All AMPSEAL 16 CONTACTS (33)**

### Features

#### Product Type Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealable</td>
<td>No</td>
</tr>
<tr>
<td>Wire Type</td>
<td>Copper</td>
</tr>
</tbody>
</table>

#### Contact Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Current Rating</td>
<td>13 A</td>
</tr>
<tr>
<td>Crimp Type</td>
<td>F-Crimp</td>
</tr>
<tr>
<td>Terminal &amp; Splice Type</td>
<td>Pin</td>
</tr>
<tr>
<td>Mating Pin Diameter</td>
<td>1.588 mm [0.0625 in]</td>
</tr>
<tr>
<td>Interface Plating</td>
<td>Gold (Au)</td>
</tr>
<tr>
<td>Contact Termination Area Plating Material</td>
<td>Tin (Sn)</td>
</tr>
</tbody>
</table>

#### Termination Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Termination Method</td>
<td>Crimp</td>
</tr>
</tbody>
</table>

#### Dimensions

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Wire Size</td>
<td>.8 – 2 mm²</td>
</tr>
<tr>
<td>Wire Size Search</td>
<td>.8 mm², .85 mm², 1 mm², 1.25 mm², 1.3 mm², 1.5 mm², 2 mm²</td>
</tr>
</tbody>
</table>

#### Usage Conditions

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature Range</td>
<td>-40 – 120 °C [-40 – 248 °F]</td>
</tr>
</tbody>
</table>

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**Packaging Features**

<table>
<thead>
<tr>
<th>Packaging Method</th>
<th>Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaging Quantity</td>
<td>4000</td>
</tr>
</tbody>
</table>

**Other**

<table>
<thead>
<tr>
<th>Customer Preferred Contact</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal Transmits</td>
<td>0 – 24 A (Low Power)</td>
</tr>
</tbody>
</table>

**Product Compliance**

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

<table>
<thead>
<tr>
<th>EU RoHS Directive 2011/65/EU</th>
<th>Compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU ELV Directive 2000/53/EC</td>
<td>Compliant</td>
</tr>
<tr>
<td>China RoHS 2 Directive MIIT Order No 32, 2016</td>
<td>No Restricted Materials Above Threshold</td>
</tr>
</tbody>
</table>
Candidate List Declared Against: JAN 2020 (205)  
Does not contain REACH SVHC |
Candidate List Declared Against: JAN 2020 (205) |
| 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

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**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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.
Compatible Parts

TE Model / Part #: CAT-AM7817-CHB172
AMPSEAL 16 HOUSINGS

TE Model / Part #: CAT-H691-CHB172
AMPSEAL 16 HYBRID LEVER HOUSINGS

TE Model / Part #: 2305570-1
TERMINAL CUTTER, SIDE FEED

TE Model / Part #: 2151239-1
OCEAN_2.0_APPLICATOR-S-100F

TE Model / Part #: 2-2151239-2
OCEAN_2.0_APPLICATOR-S-100FA

TE Model / Part #: 2-2151239-1
OCEAN_2.0_APPLICATOR-S-100F

TE Model / Part #: CAT-AM7801-CHB172
AMPSEAL 16 HOUSINGS

TE Model / Part #: CAT-AM7801-CHB172
AMPSEAL 16 HOUSINGS

TE Model / Part #: 2151239-1
OCEAN_2.0_APPLICATOR-S-100F

TE Model / Part #: 7-2151239-7
OCEAN_2.0_SPARE_PART_KIT-100F

TE Model / Part #: 2217753-1
CERTI-CRIMP II SAHT ASSEMBLY

TE Model / Part #: 2305570-1
TERMINAL CUTTER, SIDE FEED

TE Model / Part #: CAT-H991-CHB172
AMPSEAL 16 HYBRID LEVER HOUSINGS

TE Model / Part #: CAT-H991-CHB172
AMPSEAL 16 HYBRID LEVER HOUSINGS

TE Model / Part #: 7-2151239-1
OCEAN_2.0_APPLICATOR-S-100F

TE Model / Part #: 2151239-1
OCEAN_2.0_APPLICATOR-S-100F

Also in the Series

AMPSEAL 16

Automotive Connector Caps & Covers (76)

Automotive Connector Locks & Position Assurance (2)

Automotive Seals & Cavity Plugs (4)

Automotive, Truck, Bus, & Off-Road Headers (2)

Automotive, Truck, Bus, & Off-Road Housings (149)

Automotive, Truck, Bus, & Off-Road Terminals (33)

Other Automotive Connector Accessories (11)
Customers Also Bought

TE Model / Part #170233-2
POSITIVE LOCK 259 REC 8.5-2.27 MM2 TPBR

TE Model / Part #116613-2
RING CRIMP 18-14 AWG TPBR

TE Model / Part #1-1414122-0
V23134U104K0050-EV-CBOX

TE Model / Part #926522-2
FL 259 REC HSG 2P NYLON NAT

Documents

Product Drawings
PIN CONTACT (PLATED)

CAD Files
Customer View Model
ENG_CVM_CVM_638112-1_M.2d_dxf.zip
Customer View Model
ENG_CVM_CVM_638112-1_M.3d_igs.zip
Customer View Model
ENG_CVM_CVM_638112-1_M.3d_stp.zip

Datasheets & Catalog Pages
ICT Terminals and Connectors Catalogue

Product Specifications
Application Specification

Product Environmental Compliance
Product Compliance

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