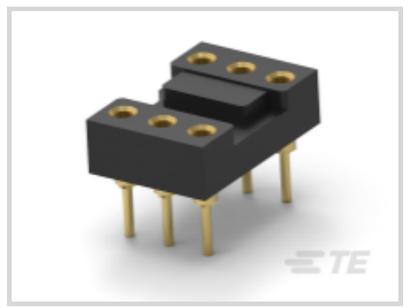
# 506-AG10D × OBSOLETE

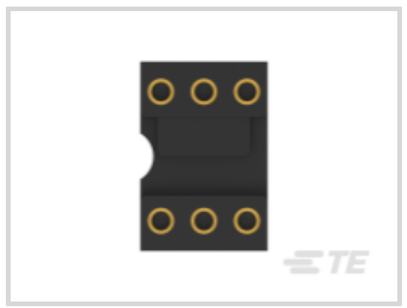
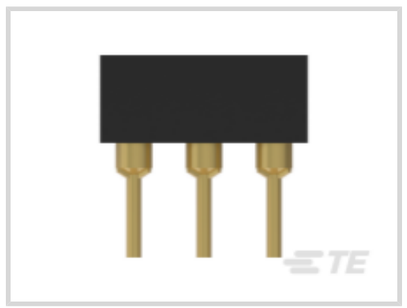
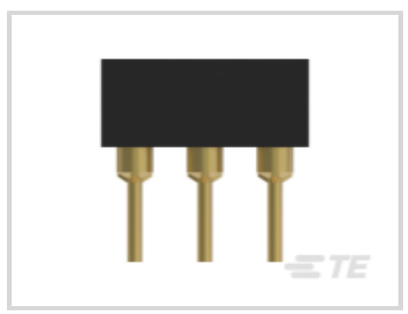
TE Internal #: 6-1437529-5

TE Internal Description: 506-AG10D=SOCKET ASSY

View on TE.com >

Connectors > Socket Connectors > IC Sockets > DIP Sockets



Contact Fabrication: **Solid**

Number of Positions: **6**

Connector Profile: **Standard**

Row-to-Row Spacing: **7.62 mm [ .3 in ]**

Contact Mating Area Plating Material: **Gold (Au)**

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| PCB Mount Orientation | Vertical |
| Number of Rows | 2 |
| Number of Positions | 6 |

### Electrical Characteristics

| | |
|---|---|
| Contact Resistance | 10 mΩ |
| Insulation Resistance | 5000 MΩ |

### Body Features

| | |
|---|---|
| Sleeve Plating Material | Gold |
| Frame Style | Closed, Open |
| Sleeve Material | Brass/Copper |
| Connector Profile | Standard |

### Contact Features

| | |
|---|---|
| Mating Contact Type | Four-Fingered |

| | |
|---|---|
| Contact Base Material | Beryllium Copper |
| IC Socket Type | DIP |
| PCB Contact Termination Area Plating Material | Gold |
| Contact Type | Pin |
| Contact Fabrication | Solid |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Mating Area Plating Material Thickness | .63 µm[25 µin] |
| Contact Current Rating (Max) | 3 A |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 3.18 mm[.125 in] |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |
| Mating Alignment Type | Polarization |
| Mating Alignment | With |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Profile Height from PCB | 3.43 mm[.135 in] |
| Row-to-Row Spacing | 7.62 mm[.3 in] |

## Operation/Application

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

## Industry Standards

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

## Packaging Features

| | |
|---|---|
| Tubes per Box | 160 |
| Packaging Method | Box & Tube, Tube |
| Packaging Quantity | 80 |

## Other

| | |
|---|---|
| Quantity per Tube | 80 |

## 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 | Compliant with Exemptions |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br>**Article Safe Usage Statements:**<br>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 Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

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

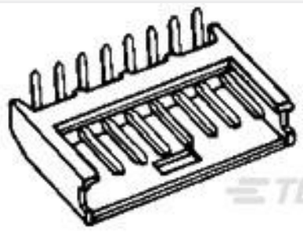
## Customers Also Bought



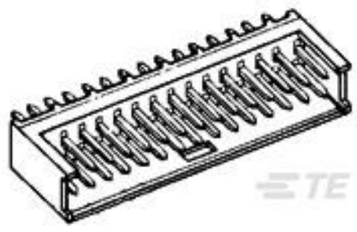
TE Part #CAT-HST-GPO135
GPO-135 Heat Shrink Tubing



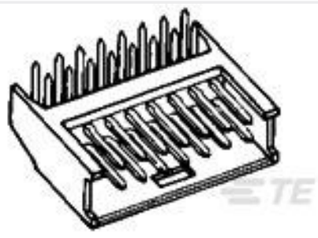
TE Part #5-103168-6
16 MODII HDR DRST SHRD .100CL



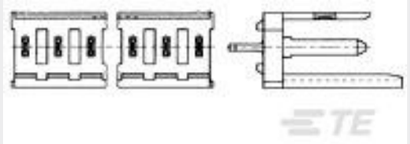
TE Part #280380-1
8P AMPMODU II SHRD HDR, RT ANG, TIN



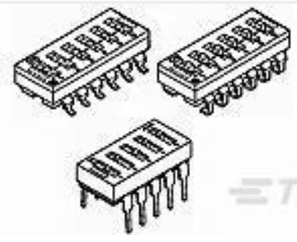
TE Part #280384-1
2X4P AMPMODU II SHRD HDR, ST, TIN



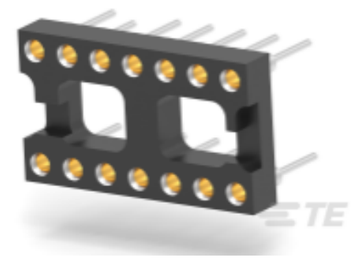
TE Part #280390-1
2X8P MODU II SHRD HDR, RT ANG, TIN



TE Part #280611-1
6P MOD 1 SHROUDED HEADER, ST, TIN PLTD



TE Part #1825360-5
ADE08A04=8 POS DIP SWITCH



TE Part #CAT-D625-80007
DIP Socket: Standard, Stamped & Formed, Open, Gold

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1437529-5_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1437529-5_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1437529-5_99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

DIP Sockets Quick Reference Guide (EN)

English