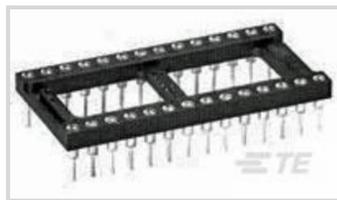




Connectors > Socket Connectors > IC Sockets > DIP Sockets



Contact Fabrication: **Solid**

Number of Positions: **20**

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
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### Configuration Features

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	20

### Electrical Characteristics

Contact Resistance	10 mΩ
Insulation Resistance	5000 MΩ

### Body Features

Sleeve Plating Material	Tin-Lead
Frame Style	Ladder, Open
Sleeve Material	Brass
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	Tin-Lead
Contact Type	Pin

Contact Fabrication	Solid
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Contact Mating Area Plating Material	Gold (Au)
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Contact Mating Area Plating Material Thickness	.63 $\mu\text{m}$ [25 $\mu\text{in}$ ]
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Contact Current Rating (Max)	3 A
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### Termination Features

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

Connector Mounting Type	Board Mount
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Mating Alignment Type	Polarization
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Mating Alignment	With
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### Housing Features

Housing Material	Polyester
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Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Product Length	25.4 mm[1 in]
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Profile Height from PCB	2.67 mm[.105 in]
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Row-to-Row Spacing	7.62 mm[.3 in]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Box & Tube, Tube
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Packaging Quantity	24
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JAN 2025  
(247)  
Candidate List Declared Against: JAN 2021  
(211)  
SVHC > Threshold:  
Pb (13% in Component Part)

**Article Safe Usage Statements:**  
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>

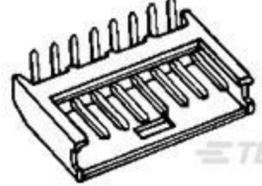
## Customers Also Bought



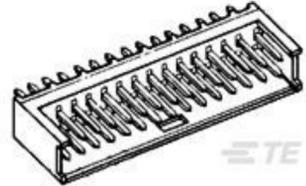
TE Part #CAT-HST-GPO135  
GPO-135 Heat Shrink Tubing



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



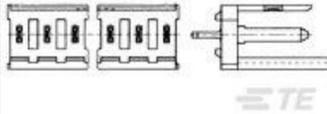
TE Part #280380-1  
8P AMPMODU II SHRD HDR, RT ANG, TIN



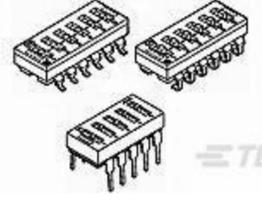
TE Part #280384-1  
2X4P AMPMODU II SHRD HDR, ST, TIN



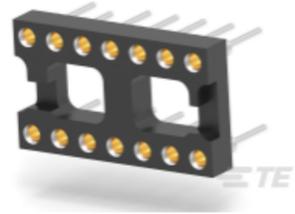
TE Part #280390-1  
2X8P MODU II SHRD HDR, RT ANG, TIN



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

**Product Drawings**  
820-AG11D=SOCKET ASSY



English

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**CAD Files**

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1437537-6\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1437537-6\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1437537-6\\_E.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[DIP Sockets Quick Reference Guide \(EN\)](#)

English