

# 520-AG11D-ES × OBSOLETE

Augat

TE Internal #: 2-1437536-6

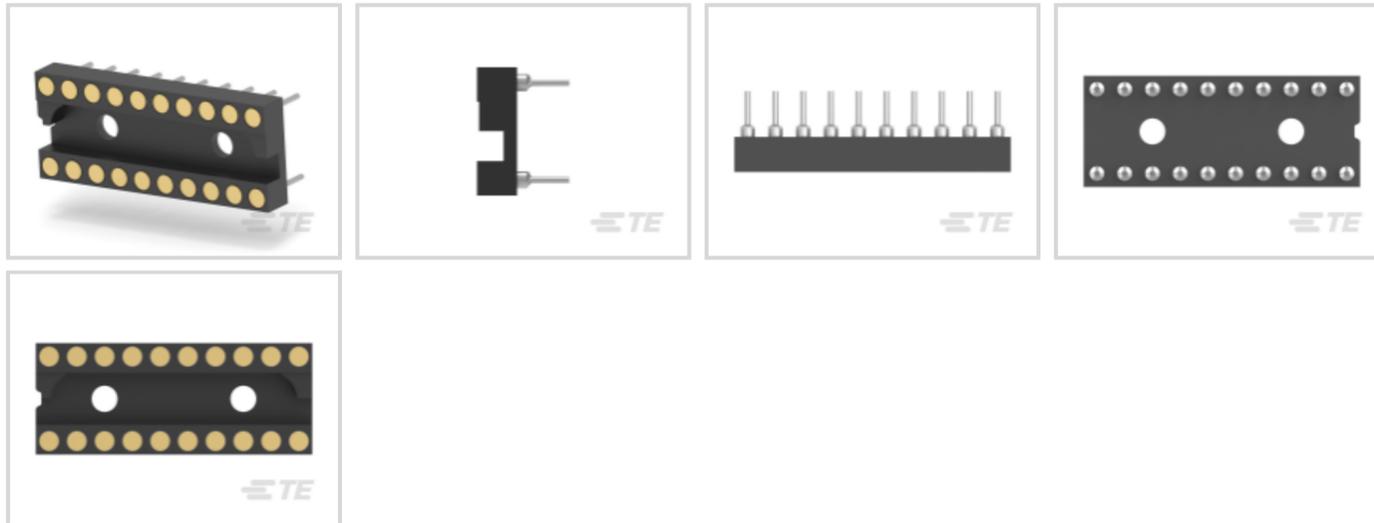
TE Internal Description: 520-AG11D-ES=SOCKET ASSEMBLY

DIP Socket: Standard, Stamped & Formed, Closed, Gold

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Connectors > Socket Connectors > IC Sockets > DIP Sockets > DIP Socket: Standard, Stamped & Formed, Closed, Gold



Contact Fabrication: **Stamped & Formed**

Number of Positions: **20**

Connector Profile: **Standard**

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

Leg Style: **Straight**

[All DIP Socket: Standard, Stamped & Formed, Closed, Gold \(0\)](#)

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Leg Style                         | Straight              |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

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

### Electrical Characteristics

|                       |                 |
|-----------------------|-----------------|
| Insulation Resistance | 5000 M $\Omega$ |
| Contact Resistance    | 10 m $\Omega$   |

### Body Features

|                         |              |
|-------------------------|--------------|
| Sleeve Material         | Brass/Copper |
| Sleeve Plating Material | Tin/Lead     |
| Frame Style             | Closed       |

|                   |          |
|-------------------|----------|
| Connector Profile | Standard |
|-------------------|----------|

### Contact Features

|   |                  |
|---|------------------|
| Mating Contact Type                           | Four-Fingered    |
| IC Socket Type                                | DIP              |
| Contact Type                                  | Pin              |
| PCB Contact Termination Area Plating Material | Tin-Lead         |
| Contact Base Material                         | Beryllium Copper |
| Contact Fabrication                           | Stamped & Formed |
| Contact Mating Area Plating Material          | Gold             |
|   | 25 $\mu$ m       |
| Contact Current Rating (Max)                  | 3 A              |

### Termination Features

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

### Mechanical Attachment

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

### Housing Features

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

### Dimensions

|                         |                 |
|-------------------------|-----------------|
| Profile Height from PCB | 4.57 mm[.18 in] |
| Product Length          | 25.4 mm[1 in]   |
| Row-to-Row Spacing      | 7.62 mm[.3 in]  |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

### Operation/Application

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

### Industry Standards

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



### Packaging Features

|                    |                  |
|--------------------|------------------|
| Tubes per Box      | 160              |
| Packaging Quantity | 24               |
| Packaging Method   | Box & Tube, Tube |

### Other

|                   |    |
|-------------------|----|
| Quantity per Tube | 24 |
|-------------------|----|

### 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                   | Not Compliant  |
| 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 2022 (224)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br><b>Article Safe Usage Statements:</b><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>

### Documents

#### Product Drawings

[520-AG11D-ES=SOCKET ASSEMBLY](#)

English



### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1437536-6\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1437536-6\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1437536-6\\_C.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