508-AG11D-ES × OBSOLETE

DIPLOMATE

TE Internal #: 1-1437535-4

TE Internal Description: 508-AG11D-ES=SOCKET ASSEMBLY DIP Socket: Standard, Stamped & Formed, Closed, Gold

View on TE.com >

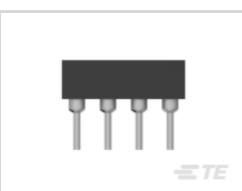


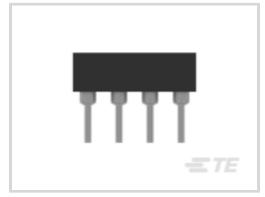
Connectors > Socket Connectors > IC Sockets > DIP Sockets > DIP Socket: Standard, Stamped & Formed, Closed, Gold











Contact Fabrication: Stamped & Formed

Number of Positions: 8

Connector Profile: Standard

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

Contact Mating Area Plating Material: Gold (Au)

All DIP Socket: Standard, Stamped & Formed, Closed, Gold (0)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	8
Electrical Characteristics	
Contact Resistance	10 mΩ
Insulation Resistance	5000 ΜΩ
Body Features	
Sleeve Plating Material	Tin/Lead
Frame Style	Closed
Sleeve Material	Brass/Copper
Connector Profile	Standard



Contact Features

Mating Contact Type Conact Base Material Beryllium Copper IC Socket Type PCB Contact Termination Area Plating Material Conact Type PCB Contact Termination Area Plating Material Conact Type Pin Conact Tetrication Stamped & Formed Contact Mating Area Plating Material Gold (Au) 25 pin Contact Mating Area Plating Material Gold (Au) 25 pin Contact Current Reting (Max) 3 A Termination Features Termination Peat & Tail Length Methanical Attachment Connector Mounting Type Mating Alignment Type Polarization Mating Alignment Type Polarization Mating Alignment Housing Features Housing Material Polyester Centerline (Pitch) Polarization Product Length 10.16 mm(.135 in) Row-to-Row Spacing 7.62 mm(.3 in) Operation/Application Circuit Application Circuit Application Circuit Application Circuit Application Factorials UL Flammability Rating UL 94V-0 Packaging Features Tubes per Rox 160 Packaging Guantity 60	Contact reatures	
IC Socket Type PCB Contact Termination Area Plating Material Contact Type Contact Termination Area Plating Material Contact Fabrication Stamped & Formed Contact Mating Area Plating Material Contact Mating Area Plating Material Contact Current Rating (Max) 3 A Termination Features Termination Features Termination Post & Tail Length 3.18 mmf, 125 in] Mechanical Attachment Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment With Housing Features Housing Material Polyeater Centerline (Pitch) 2.54 mm(.1 in] Dimensions Product Length 10.16 mm[4 in] Profile Height from PCB 3.43 mm, 135 in] Row-to-Row Spacing 7 62 mm(.3 in] Operation/Application Circuit Application Circuit Application Circuit Application Circuit Application Circuit Application Circuit Material UL Hammability Rating UL 94V.0 Packaging Features Tubes per Box Tubes Polso, Tube Tubes Polso Tubes	Mating Contact Type	Four-Fingered
PCB Contact Type Pin Contact Type Pin Contact Type Contact Fabrication Stamped & Formed Contact Mating Area Plating Material Gold (Au) Z5 µin Contact Current Rating (Max) 3 A Termination Features Itermination Method to PCB Ithrough 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 Product Length Profile Height from PCB 3.43 mm(.135 in) Row-to-Row Spacing 7.62 mm(.3 in) Operation/Application Circuit Application Grout Standards UI Planmability Rating Packaging Features Tubes per Box Packaging Method Box & Tube, Tube	Contact Base Material	Beryllium Copper
Contact Type Contact I abrication Contact Mating Area Plating Material Contact Mating Area Plating Material Contact Current Rating (Max) Contact Current Rating (Max) Termination Features Termination Method to PCB Through Hole - Solder Termination Post & Tail Length 3.18 mmt, 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 Product Length 10.16 mm(.4 in) Profile Height from PCB 3.43 mm, 1.35 in] Row-to-Row Spacing 7.69 mm(.3 in) Operation/Application Circuit Application Circuit Application Circuit Application Circuit Application UI Plammability Rating UI 94V-0 Packaging Features Tubes per Box 160 Packaging Method Box & Tube, Tube	IC Socket Type	DIP
Contact Mating Area Plating Material Contact Mating Area Plating Material Contact Current Rating (Max) 3 A Termination Features Termination Method to PCB Through Hole Solder Termination Post & Tail Length Mechanical Attachment Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment With Housing Features Housing Material Centerline (Pitch) Dimensions Product Length 10.16 mm(4 in) Profile Height from PCB 3.43 mm(1.35 in) Row to Row Spacing 7.62 mm(3 in) Operation/Application Circuit Application Signal Industry Standards UL Plammability Rating UL 94V 0 Packaging Features Tubes per Box 160 Packaging Method Box & Tube, Tube	PCB Contact Termination Area Plating Material	Tin-Lead
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Termination Features Termination Method to PCB Through Hole Solder Termination Post & Tail Length Mechanical Attachment Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment With Housing Features Housing Material Centerline (Pitch) Dimensions Product Length 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 Planmability Rating Public Packaging Features Tubes per Box Packaging Method Box & Tube, Tube		25 μin
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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 Product Length 10.16 mm[.4 in] 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	Termination Method to PCB	Through Hole - Solder
Connector Mounting Type Mating Alignment Type Polarization Mating Alignment With Housing Features Housing Material Centerline (Pitch) Dimensions Product Length 10.16 mm[.4 in] Profile Height from PCB 3.43 mm[.135 in] Row-to-Row Spacing 7.62 mm[.3 in] Operation/Application Circuit Application Circuit Application Industry Standards UL Flammability Rating UL 9/IV-0 Packaging Features Tubes per Box Packaging Method Box & Tube, Tube	Termination Post & Tail Length	3.18 mm[.125 in]
Mating Alignment Type Polarization Mating Alignment With Housing Features Housing Material Polyester Centerline (Pitch) 2.54 mm[.1 in] Dimensions Product Length 10.16 mm[.4 in] 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	Mechanical Attachment	
Mating Alignment Housing Features Housing Material Centerline (Pitch) Dimensions Product Length Profile Height from PCB Row-to-Row Spacing Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating Puber Box Tubes per Box Packaging Method With Polyester 2.54 mm[.1 in] 10.16 mm[.4 in] 10.16 mm[.4 in] 7.62 mm[.3 in] Ul. 94 mm[.3 in] UL. 94V-0 Packaging Features Tubes per Box Packaging Method Box & Tube, Tube	Connector Mounting Type	Board Mount
Housing Features Housing Material Polyester Centerline (Pitch) 2.54 mm[.1 in] Dimensions Product Length 10.16 mm[.4 in] 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	Mating Alignment Type	Polarization
Housing Material Polyester Centerline (Pitch) 2.54 mm[.1 in] Dimensions Product Length 10.16 mm[.4 in] 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	Mating Alignment	With
Centerline (Pitch) Dimensions Product Length Profile Height from PCB Row-to-Row Spacing Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating Packaging Features Tubes per Box Packaging Method 2.54 mm[.1 in] 10.16 mm[.4 in] 3.43 mm[.135 in] 7.62 mm[.3 in] View Jube Signal UL 94V-0 Packaging Features Tubes per Box Box & Tube, Tube	Housing Features	
Product Length 10.16 mm[.4 in] 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	Housing Material	Polyester
Product Length 10.16 mm[.4 in] 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	Centerline (Pitch)	2.54 mm[.1 in]
Profile Height from PCB 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 Packaging Method Box & Tube, Tube	Dimensions	
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	Product Length	10.16 mm[.4 in]
Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0 Packaging Features Tubes per Box Packaging Method Box & Tube, Tube	Profile Height from PCB	3.43 mm[.135 in]
Circuit Application Industry Standards UL Flammability Rating UL 94V-0 Packaging Features Tubes per Box Packaging Method Box & Tube, Tube	Row-to-Row Spacing	7.62 mm[.3 in]
Industry Standards UL Flammability Rating UL 94V-0 Packaging Features Tubes per Box 160 Packaging Method Box & Tube, Tube	Operation/Application	
UL Flammability Rating Packaging Features Tubes per Box Packaging Method Box & Tube, Tube	Circuit Application	Signal
Packaging Features Tubes per Box Packaging Method Box & Tube, Tube	Industry Standards	
Tubes per Box Packaging Method Box & Tube, Tube	UL Flammability Rating	UL 94V-0
Packaging Method Box & Tube, Tube	Packaging Features	
	Tubes per Box	160
Packaging Quantity 60	Packaging Method	Box & Tube, Tube
	Packaging Quantity	60



Other

Quantity per Tube 60

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: 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

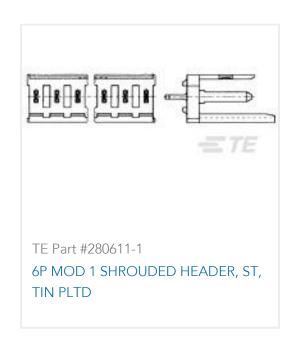


















Documents

Product Drawings

508-AG11D-ES=SOCKET ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1437535-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1437535-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1437535-4_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