

816-AG11D

✕ OBSOLETE

DIPLOMATE

TE Internal #: 4-1437537-0

TE Internal Description: 816-AG11D=SOCKET ASSEMBLY

DIP Socket: Standard, Screw Machine, Open, Gold

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Connectors > Socket Connectors > IC Sockets > DIP Sockets > DIP Socket: Standard, Screw Machine, Open, Gold



- Contact Fabrication: Solid
- Number of Positions: 16
- Connector Profile: Standard
- Row-to-Row Spacing: 7.62 mm [.3 in]
- Contact Mating Area Plating Material: Gold (Au)
- All DIP Socket: Standard, Screw Machine, Open, Gold (0)

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	16

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
Contact Mating Area Plating Material	Gold (Au)
	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

Product Length	20.32 mm[.8 in]
Profile Height from PCB	2.67 mm[.105 in]
Row-to-Row Spacing	7.62 mm[.3 in]

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
Packaging Quantity	30

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

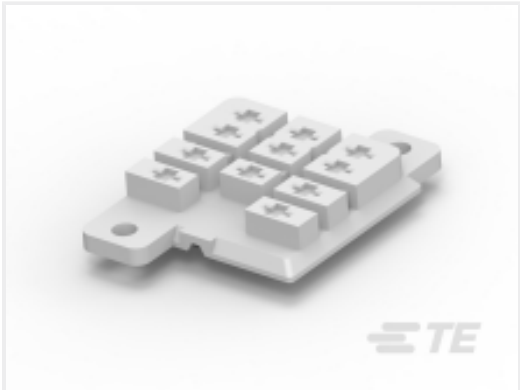


China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

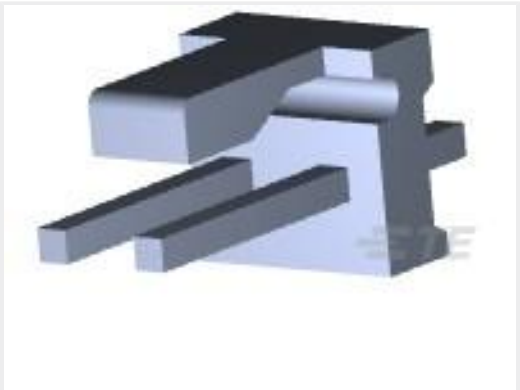
Customers Also Bought



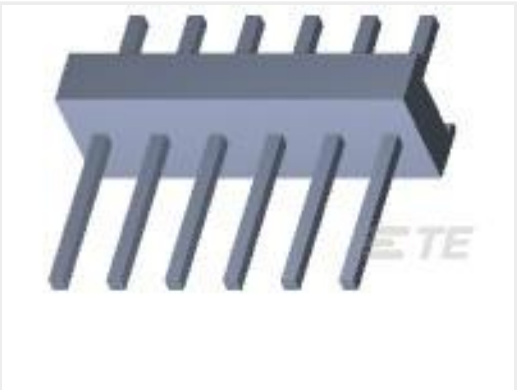
TE Part #1419106-4
27E046=SOCKET,KU,11,PCB,NYL,NAT




TE Part #3-641210-2
02P MTA156 HDR FLRA FB 30AU LF




TE Part #3-641208-2
02P MTA156 HDR ASSY FL ST LF



TE Part #640452-6
06P MTA100 HDR ASSY SQ STR




TE Part #643228-1
03P UMNL HDR ASSY R/A 94VO



TE Part #1676666-2
RN 0805 20R 0.1% 10PPM 1K RL



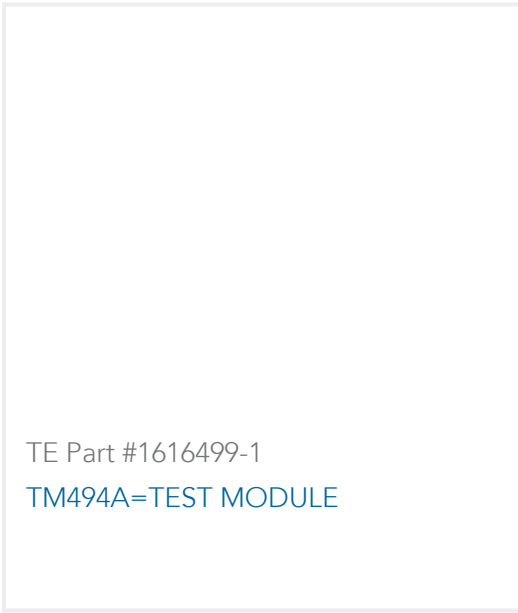
TE Part #1-534998-0
20 MODIV VRT DR CE 100/125



TE Part #4-1571552-2
814-AG11D-ES-LF=800 DIP,AU/SN



TE Part #1437537-8
808-AG11D=SOCKET ASSEMBLY



TE Part #1616499-1
TM494A=TEST MODULE

Documents

Product Drawings

816-AG11D=SOCKET ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1437537-0_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1437537-0_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1437537-0_E.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