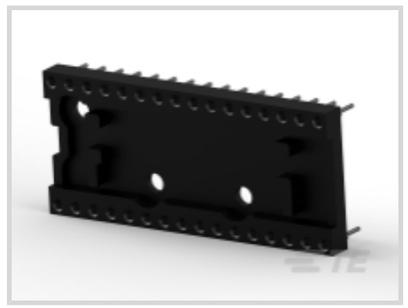
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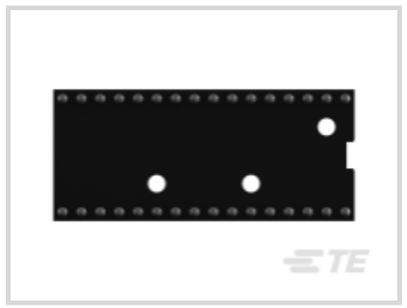
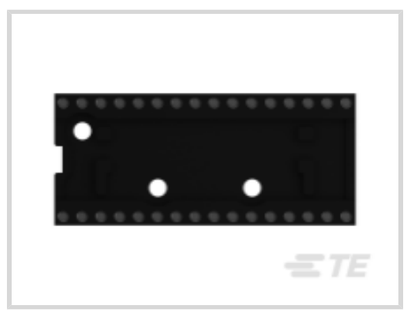
TE Internal #: 1-1571550-0

TE Internal Description: 532-AG12D-LF=500 DIP,PCB,SN/SN

View on TE.com >

Connectors > Socket Connectors > IC Sockets > DIP Sockets



Contact Fabrication: **Solid**

Number of Positions: **32**

Connector Profile: **Standard**

Row-to-Row Spacing: **15.24 mm [.6 in]**

Contact Mating Area Plating Material: **Tin (Sn)**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	32

Electrical Characteristics

Contact Resistance	10 mΩ
Insulation Resistance	5000 MΩ

Body Features

Sleeve Plating Material	Tin
Frame Style	Closed
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	Tin
Contact Type	Pin
Contact Fabrication	Solid
Contact Mating Area Plating Material	Tin (Sn)
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 Color	Black
Housing Material	Thermoplastic Polyester
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Length	40.64 mm[1.6 in]
Profile Height from PCB	4.57 mm[.18 in]
Row-to-Row Spacing	15.24 mm[.6 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tube, Tube
Packaging Quantity	15

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (.6% 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



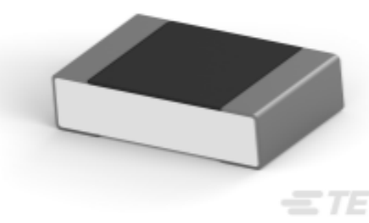
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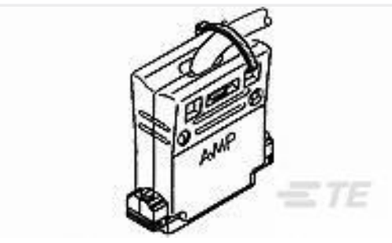
TE Part #1658615-2
25 POS HDF PLUG, AP, LEAD FREE



TE Part #1-1879339-3
CPF 0603 383K 1% 50PPM 1K RL



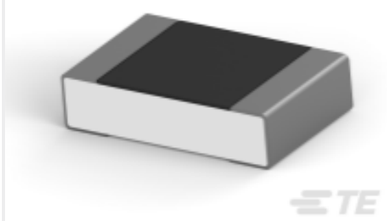
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RQ 0805 261K 0.1% 10PPM 5K RL



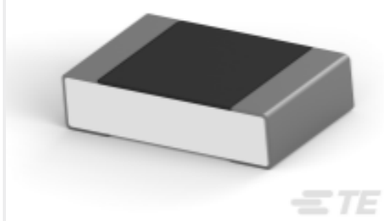
TE Part #5745134-1
CABLE CLAMP KIT,SZ 3



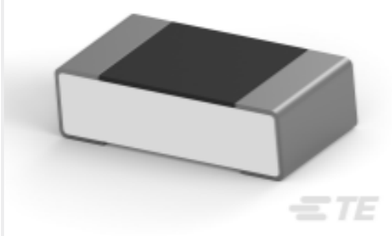
TE Part #5747846-3
25 MSFL RCPT RA 318 (IN,FM,BL)



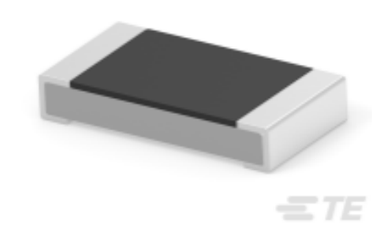
TE Part #1-2176382-6
RQ 0805 191K 0.1% 10PPM 5K RL



TE Part #3-2176382-1
RQ 0805 274K 0.1% 10PPM 5K RL



TE Part #8-2176365-6
RQ 0603 309R 0.1% 10PPM 1K RL



TE Part #7-2176392-1
RQ 1206 715K 0.1% 10PPM 5K RL

Documents

Product Drawings

532-AG12D-LF=500 DIP,PCB,SN/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1571550-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1571550-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1571550-0_A.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