1-2199300-2 ✔ ACTIVE

DIPLOMATE

TE Internal #: 1-2199300-2

DIP Sockets, Stamped & Formed, 32 Position, Standard Profile, Straight, Tin, -40 – 105 °C [-40 – 221 °F]

View on TE.com >

Connectors > Socket Connectors > IC Sockets > DIP Sockets > DIP Socket: Standard, Stamped & Formed, Open, Tin

Contact Fabrication: **Stamped & Formed**

Number of Positions: **32**

Connector Profile: **Standard**

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

Leg Style: **Straight**

All DIP Socket: Standard, Stamped & Formed, Open, Tin (3)

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	32

Electrical Characteristics

Insulation Resistance	1000 MΩ
Contact Resistance	20 mΩ

Body Features

Sleeve Material	Brass/Copper
Sleeve Plating Material	Tin/Lead
Frame Style	Open
Connector Profile	Standard

Contact Features

Mating Contact Type	Dual Leaf

IC Socket Type	DIP
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Tin
	60 µin
Contact Current Rating (Max)	1 A

Termination Features

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
Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

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

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tube, Tube

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant

EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 240°C

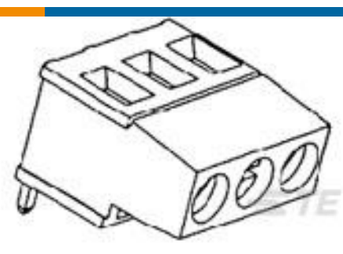
Product Compliance Disclaimer

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

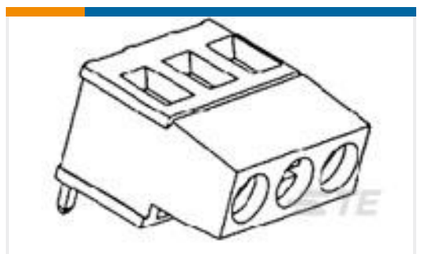
Customers Also Bought

TE Part #5208006-2
HD-20 PLUG 9P VERT

TE Part #41558
RING 18-14 AWG BR



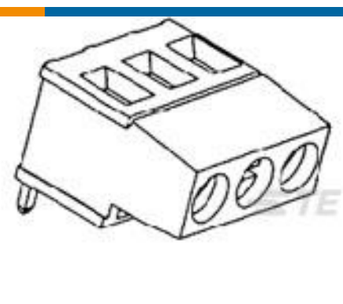
TE Part #282851-2
TERMI-BLOK PCB MOUNT 180 2P.5



TE Part #282851-5
TERMI-BLOK PCB MOUNT 180 5P.5

TE Part #9-1676123-1
1/2W SM M/OX 5% 4K7

TE Part #5747832-4
09 MSFL PLUG RA 590 (IN,FM,BL)



TE Part #282851-4
TERMI-BLOK PCB MOUNT 180 4P.5

TE Part #965053-1
MT/JPT COVER

TE Part #1456004-1
USCAR FEM TER 04608783AA-18

Documents

Product Drawings

32P,DIP SKT,600 CL,OTC,PB FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2199300-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2199300-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2199300-2_A.3d_stp.zip

English

Datasheets & Catalog Pages

DIP Sockets Quick Reference Guide (EN)

English