

1-2199298-9 ✓ ACTIVE

## DIPLOMATE

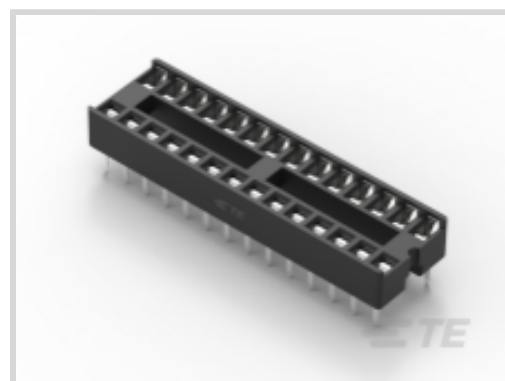
TE Internal #: 1-2199298-9

DIP Sockets, Stamped & Formed, 28 Position, Low Profile, Straight, Tin, -40 – 105 °C [-40 – 221 °F]

[View on TE.com >](#)



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



Contact Fabrication: **Stamped & Formed**

Number of Positions: **28**

Connector Profile: **Low**

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

Leg Style: **Straight**

[All DIP Socket: Low Profile, Stamped & Formed, Open, Tin \(6\)](#)

## 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	28

### Electrical Characteristics

Insulation Resistance	1000 MΩ
Contact Resistance	20 mΩ

### Body Features

Sleeve Material	Brass/Copper
Sleeve Plating Material	Tin/Lead
Frame Style	Ladder
Connector Profile	Low

### 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

	3 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	PBT GF30
Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]

### Dimensions

Profile Height from PCB	5.1 mm[.2 in]
Product Length	35.56 mm[1.4 in]
Row-to-Row Spacing	7.62 mm[.3 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

Tubes per Box	2
Packaging Quantity	17



Packaging Method	Box & Tube, Tube
------------------	------------------

**Other**

Quantity per Tube	1700
-------------------	------

**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	Out of Scope
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

**Compatible Parts**



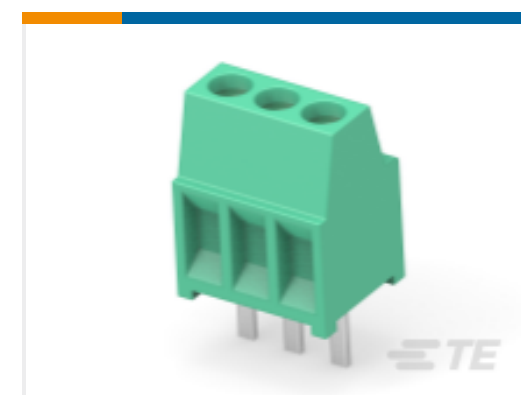
TE Part # 5535043-5  
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 292303-7  
Std USB Type A, R/A, SMT, Offset, Natural



TE Part # 2-1546931-5  
25P UNSHROUD 5.0 HDR,HIGH TEMP



TE Part # 282834-3  
TERMI-BLOK PCB MOUNT, 90 3P.

**Documents**



### Product Drawings

[28P,DIP SKT,300 CL,LDR,PB FREE](#)

English

---

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2199298-9\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2199298-9\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2199298-9\\_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