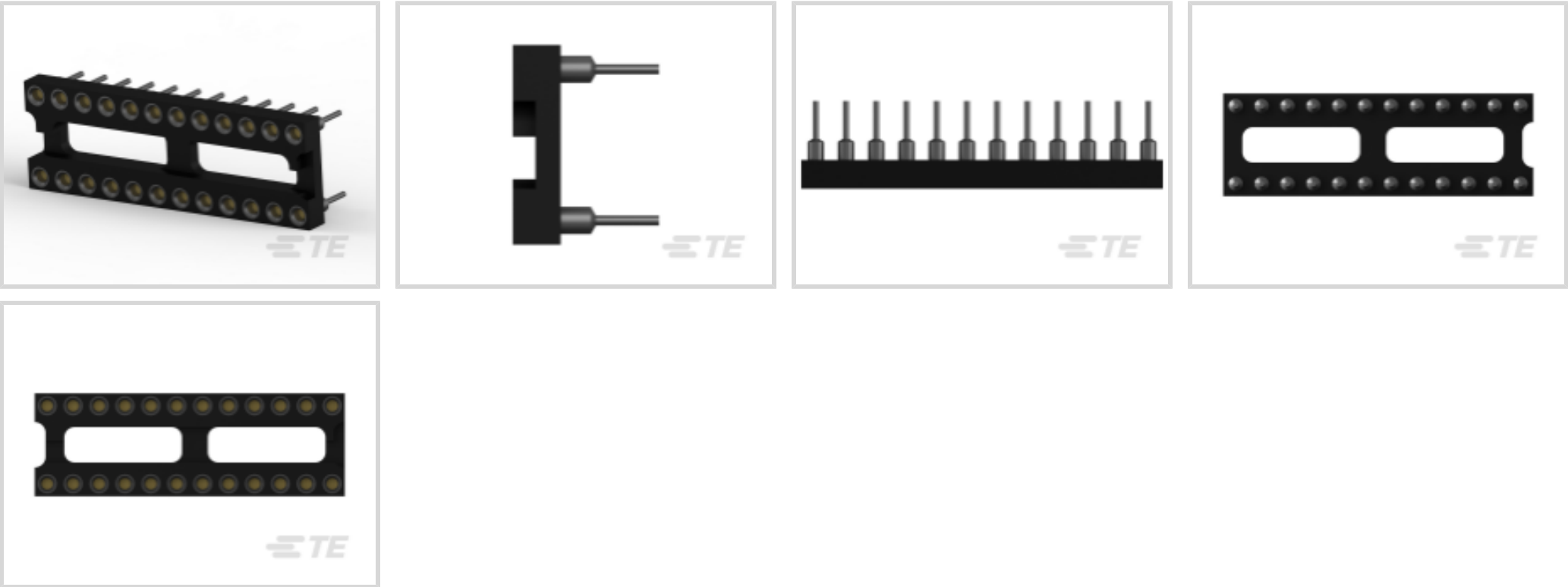




Connectors > Socket Connectors > IC Sockets > DIP Sockets > DIP Socket: Standard, Stamped & Formed, Open, Gold



Contact Fabrication: **Stamped & Formed**

Number of Positions: **24**

Connector Profile: **Standard**

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

PCB Mount Orientation: **Vertical**

[All DIP Socket: Standard, Stamped & Formed, Open, Gold \(4\)](#)

Features

Product Type Features

Leg Style	Straight
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket

Configuration Features

Number of Positions	24
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Contact Resistance	10 mΩ
Insulation Resistance	5000 MΩ

Body Features

Sleeve Material	Copper
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Sleeve Plating Material	Tin
Frame Style	Ladder, Open
Connector Profile	Standard
Color	Black

Contact Features

Socket Style	Standard
Mating Contact Type	Four-Fingered
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Beryllium Copper
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Gold
	20 µin
Contact Current Rating (Max)	3 A
Socket Type	DIP
Contact Type	Pin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.18 mm[.125 in]

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment Type	Polarization
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

Height Above PC Board	2.67 mm[.105 in]
Row-to-Row Spacing	7.62 mm[.3 in]
	1.2 in

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Tubes per Box	160
Packaging Method	Box & Tube, Tube
Packaging Quantity	20

Other

Quantity per Tube	20
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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: JAN 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
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>



Also in the Series

DIPLOMATE 800 Series

DIP Sockets(5)

Customers Also Bought

TE Part #1761606-5
IDC LOW PRO HDR 14P VERT LG LA

TE Part #1-87215-0
02 MODII HDR DRST UNSHRD .100

TE Part #1-1393161-9
RP28500-RETAINING CLIP

TE Part #103673-4
05 MTE HDR SRRA LATCH W/HLDWN

TE Part #1-532434-2
HDI RECP ASSY 4 ROW 300 POS

TE Part #1761685-8
IDC LOW PRO HDR 24P VERT SHT LAT

TE Part #103673-2
03 MTE HDR SRRA LATCH W/HLDWN

TE Part #1-350945-0
05P UMNL HDR ASSY R/A 94VO

TE Part #8-1879135-7
RN 0603 9R31 0.1% 10PPM 5K RL

TE Part #1393203-4
V23148-A0003-A101

Documents

Product Drawings

824-AG31D-ES-LF=800 DIP,AU/SN

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_5-1571552-6_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1571552-6_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1571552-6_E.3d_stp.zip](#)

English

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