5-1571552-6 × OBSOLETE

DIPLOMATE

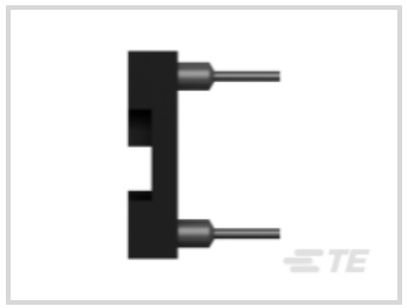
TE Internal #: 5-1571552-6

TE Internal Description: 824-AG31D-ES-LF=800 DIP,AU/SN

DIP Socket: Standard, Stamped & Formed, Open, Gold

View on TE.com >

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]**

Contact Mating Area Plating Material: **Gold (Au)**

All DIP Socket: Standard, Stamped & Formed, Open, Gold (0)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Electrical Characteristics

Contact Resistance	10 mΩ
Insulation Resistance	5000 MΩ

Body Features

Sleeve Plating Material	Tin
Frame Style	Ladder, Open
Sleeve Material	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	Stamped & Formed
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.5 µm[20 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
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Length	30.48 mm[1.2 in]
Profile Height from PCB	2.67 mm[.105 in]
Row-to-Row Spacing	7.62 mm[.3 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Tubes per Box	160
Packaging Method	Box & Tube, Tube

Packaging Quantity	20

Other

Quantity per Tube	20

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 2025 (250) Candidate List Declared Against: JUL 2019 (201) 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 #5-104068-1
20 SYSTEM 50 HDR DRST SHRD



TE Part #165168
TERM, WIRE PIN, PIDG, 22-16



TE Part #6-534206-3
26 MODII VRT DR CE 100/115



TE Part #6-534206-7
34 MODII VRT DR CE 100/115



TE Part #640445-7
07P MTA156 HDR ASSY FL/STR SN



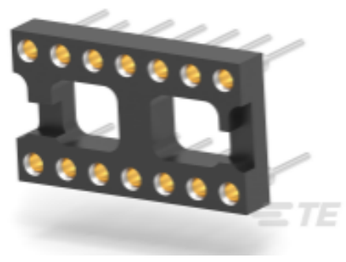
TE Part #640900-1
05P UMNL PIN HDR ASSY 94VO



TE Part #3-647166-3
3P MTA100 HDR ASSY,SM,FL,LF



TE Part #5555153-6
MJ,LPF,R/A,8P,PCBG,PSTP.09TTR



TE Part #CAT-D625-80007
DIP Socket: Standard, Stamped & Formed, Open, Gold

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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