# 1-2199298-8 ✔ ACTIVE

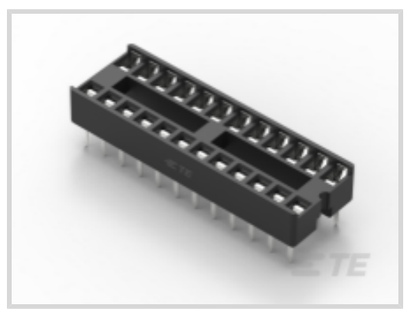
DIPLOMATE

TE Internal #: 1-2199298-8

Stamped & Formed, 24 Position, Low Profile, Through Hole, Tin, -40 – 105 °C [-40 – 221 °F], DIP Sockets

View on TE.com >

Connectors > Socket Connectors > IC Sockets > DIP Sockets



Contact Fabrication: **Stamped & Formed**

Number of Positions: **24**

Connector Profile: **Low**

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

Leg Style: **Through Hole**

## Features

### Termination Features

| | |
|---|---|
| | 3 in |
| Termination Method to PCB | Through Hole - Solder |

### Contact Features

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

### Configuration Features

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

### Body Features

| | |
|---|---|
| Connector Profile | Low |

| | |
|---|---|
| Sleeve Plating Material | Tin/Lead |
| Frame Style | Closed, Ladder |
| Sleeve Material | Brass/Copper |

## Dimensions

| | |
|---|---|
| Row-to-Row Spacing | 7.62 mm[.3 in] |
| Product Length | 30.48 mm[1.2 in] |
| Profile Height from PCB | 5.1 mm[.2 in] |

## Product Type Features

| | |
|---|---|
| Leg Style | Through Hole |
| Connector & Contact Terminates To | Printed Circuit Board |

## Usage Conditions

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

## Other

| | |
|---|---|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |
| Quantity per Tube | 2000 |

## Electrical Characteristics

| | |
|---|---|
| Contact Resistance | 20 mΩ |
| Insulation Resistance | 1000 MΩ |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |
| Mating Alignment Type | Polarization |
| Mating Alignment | With |

## Housing Features

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

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

## Packaging Features

| | |
|---|---|
| Tubes per Box | 2 |
| Packaging Method | Tube, Box & Tube |
| Packaging Quantity | 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 |

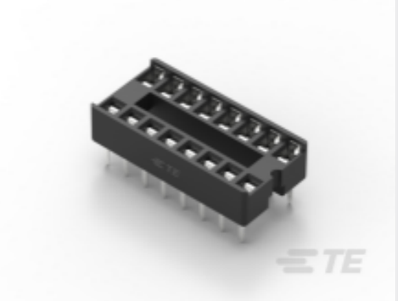
Product Compliance Disclaimer

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

## Customers Also Bought



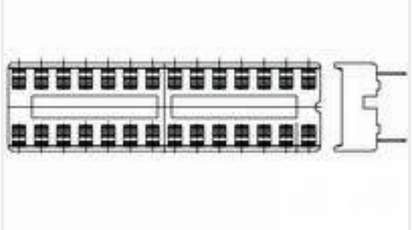
TE Part #5747236-6
15 MSFL PLUG RA 318 (SL,FM)



TE Part #1-2199298-3
DIP Socket: Low Profile, Stamped & Formed, Open, Tin



TE Part #5745071-2
HD-20 PLUG 9P VERT FFSCRLK



TE Part #1-2199298-1
6P,DIP SKT,300 CL,LDR,PB FREE

## Documents

## Product Drawings

24P,DIP SKT,300 CL,LDR,PB FREE

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1-2199298-8_A.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1-2199298-8_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1-2199298-8_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