

## DIPLOMATE

TE Internal #: 1-2199299-5

Stamped & Formed, 40 Position, Standard Profile, Through Hole,  
Tin, -40 – 105 °C [-40 – 221 °F], DIP Sockets[View on TE.com >](#)

Connectors &gt; Socket Connectors &gt; IC Sockets &gt; DIP Sockets &gt; DIP Socket: Standard, Stamped &amp; Formed, Open, Tin

Contact Fabrication: **Stamped & Formed**Number of Positions: **40**Connector Profile: **Standard**Row-to-Row Spacing: **15.24 mm [ .6 in ]**Leg Style: **Through Hole**[All DIP Socket: Standard, Stamped & Formed, Open, Tin \(3\)](#)

## Features

### 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	40
PCB Mount Orientation	Vertical
Number of Rows	2

### Body Features

Connector Profile	Standard
Sleeve Plating Material	Tin/Lead
Frame Style	Ladder

Sleeve Material	Brass/Copper
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### Dimensions

Row-to-Row Spacing	15.24 mm[.6 in]
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Profile Height from PCB	5.1 mm[.2 in]
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### Product Type Features

Leg Style	Through Hole
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Connector & Contact Terminates To	Printed Circuit Board
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### Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Electrical Characteristics

Contact Resistance	20 mΩ
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Insulation Resistance	1000 MΩ
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### Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	3 mm[.118 in]
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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Mating Alignment Type	Polarization
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Mating Alignment	With
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### Housing Features

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



Packaging Method	Tube, Box & Tube
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 #1-2199298-3  
DIP Socket: Low Profile, Stamped & Formed, Open, Tin



TE Part #350687-7  
UMNL SPLIT PIN AUNI/BR



TE Part #746610-3  
016 DIP PLUG 100CL TIN



TE Part #CONREVSMA007  
RP-SMA Plug 50 Ohm Cable Crimp



## Documents

### Product Drawings

[40P,DIP SKT,600 CL,LDR,PB FREE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2199299-5\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2199299-5\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2199299-5\\_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