540-AG11D-ESL-LF=500 DIP,GF/SN V ACTIVE



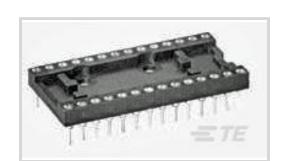
Augat | Augat 500 Series

TE Part # 3-1571551-2 TE Internal #: 3-1571551-2

View on TE.com >



Connectors > Card & Socket Connectors > IC Sockets > DIP Sockets



DIP Socket Type: Closed Frame

Contact Fabrication: Stamped & Formed

Number of Positions: 40

Profile: Standard

Row-to-Row Spacing: 15.24 mm [.6 in]

Features

Product Type Features

DIP Socket Type	Closed Frame
Profile	Standard
Row-to-Row Spacing	15.24 mm[.6 in]
Leg Style	Straight
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket
Configuration Features	

Number of Positions	40
Number of Rows	2

Electrical Characteristics

Contact Resistance	10 m $Ω$
Insulation Resistance	5000 ΜΩ

Body Features

Sleeve Material	Nickel
Sleeve Plating Material	Tin
Frame Style	Closed
Color	Black

Contact Features



PCB Contact Termination Area Plating Material Contact Base Material Contact Base Material Contact Fabrication Stamped & Formed Contact Maining Area Plating Material Contact Maining Area Plating Material Contact Current Rating (Max) Socket Type DIP Contact Type Pin Termination Features Contact Termination Type Termination Post Length Mechanical Attachment PCB Mount Retention Mounting Angle Connector Mounting Type Mating Alignment Housing Material With Housing Material Dimensions Height Above PC Board Coperating Temperature Range Operation (Application Circuit Application Circuit Application Circuit Application Circuit Application Circuit Application UL Parmability Rating Packaging Features UL Parmability Rating Packaging Features UL Parmability Rating UL Payv 0 Packaging Features	Mating Contact Type	Four-Fingered
Contact Fabrication Stamped & Formed Contact Mating Area Plating Material Gold Flash Contact Mating Area Plating Thickness 25 μin Contact Current Rating (Max) 3.A Socket Type DIP Contact Type Pin Termination Features Contact Lermination Iype Ihrough Hole Termination Post Length 3.18 mm(.125 in) Mechanical Attachment PCB Mount Retention Without Mounting Angle Vertical Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment Type Polarization Mating Alignment With Housing Features Centerline (Pitch) 2.54 mm(.1 in) Housing Material Ihremoplastic Polyester Dimensions Height Above PC Board 4.57 mm(.18 in) 2 in Usage Conditions Circuit Application UL 94V 0	PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Contact Mating Area Plating Thickness Contact Current Rating (Max) Socket Type DIP Contact Type DIP Contact Type Termination Features Contact Termination Type Through Hole Termination Post Length 3.18 mm[.125 in] Mechanical Attachment PCB Mount Retention Without Mounting Angle Vertical Connector Mounting Type Board Mount Mating Alignment Type Polarization With Housing Features Centerline (Pitch) 1.54 mm[.1 in] Housing Material Thermoplastic Polyester Dimensions Height Above PC Board Usage Conditions Operating Temperature Range Signal Industry Standards UII Flammability Rating UII 94V-0 UI 94V-0 UI 94V-0 UI 94V-0 UI 94V-0	Contact Base Material	Beryllium Copper
Contact Mating Area Plating Thickness 25 μin Contact Current Rating (Max) 3 A Socket Type DIP Contact Type Pin Termination Features Contact Termination Type Through Hole Termination Post Length 3.18 mm (.125 in) Mechanical Attachment PCB Mount Retention Without Mounting Angle Vertical Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment Type Polarization Mating Alignment With Housing Features Centerline (Pitch) 2.54 mm (.1 in) Housing Material Thermoplastic Polyester Dimensions Height Above PC Board 4.57 mm (.18 in) 2 in Usage Conditions Operating Temperature Range 55 105 °C (.67 221 °F) Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V 0	Contact Fabrication	Stamped & Formed
Contact Current Rating (Max) Socket Type Contact Type Contact Type Contact Termination Features Contact Termination Type Through Hole Termination Post Length Mechanical Attachment PCB Mount Retention Mounting Angle Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment Housing Features Centerline (Pitch) Lousing Material Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Contact Mating Area Plating Material	Gold Flash
Socket Type Contact Type Pin Termination Features Contact Termination Type Through Hole Termination Post Length 3.18 mm[.125 in] Mechanical Attachment PCB Mount Retention Without Mounting Angle Vertical Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment With Housing Features Centerline (Pitch) 2.54 mm[.1 in] Thermoplastic Polyester Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operating Temperature Range -55 – 105 "C[-67 – 221 "F] Operation/Application Circuit Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V 0	Contact Mating Area Plating Thickness	25 μin
Termination Features Contact Type Through Hole Termination Post Length 3.18 mm[.125 in] Mechanical Attachment PCB Mount Retention Without Mounting Arigle Vertical Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment Housing Features Centerline (Pitch) 2.54 mm[.1 in] Thermoplastic Polyester Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operation/Application Circuit Application Circuit Application Circuit Application Industry Standards UL Flammability Rating Through Hole Through Hole With A.58 mm[.1 in] Thermoplastic Polyester Pin Signal UL 94V-0	Contact Current Rating (Max)	3 A
Termination Features Contact Termination Type Termination Post Length 3.18 mm[.125 in] Mechanical Attachment PCB Mount Retention Without Mounting Angle Vertical Connector Mounting Type Board Mount Mating Alignment Type Polarization Mating Alignment With Housing Features Centerline (Pitch) 2.54 mm[.1 in] Thermoplastic Polyester Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operation/Application Gircuit Application Gircuit Application Industry Standards UL Flammability Rating UL 94V-0	Socket Type	DIP
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Mating Alignment Type Polarization Mating Alignment With Housing Features Centerline (Pitch) 2.54 mm[.1 in] Housing Material Thermoplastic Polyester Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Mounting Angle	Vertical
Mating Alignment Housing Features Centerline (Pitch) Housing Material Thermoplastic Polyester Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Industry Standards UL Flammability Rating UL 94V-0	Connector Mounting Type	Board Mount
Housing Features Centerline (Pitch) Housing Material Dimensions Height Above PC Board Usage Conditions Operating Temperature Range Circuit Application Circuit Application Industry Standards UL Flammability Rating 2.54 mm[.1 in] Thermoplastic Polyester 4.57 mm[.18 in] 2 in 5.5 – 105 °C[-67 – 221 °F] Signal UL 94V-0	Mating Alignment Type	Polarization
Centerline (Pitch) Housing Material Thermoplastic Polyester Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Mating Alignment	With
Housing Material Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Housing Features	
Dimensions Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Centerline (Pitch)	2.54 mm[.1 in]
Height Above PC Board 4.57 mm[.18 in] 2 in Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Housing Material	Thermoplastic Polyester
Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Dimensions	
Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Height Above PC Board	4.57 mm[.18 in]
Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0		2 in
Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Usage Conditions	
Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Industry Standards UL Flammability Rating UL 94V-0	Operation/Application	
UL Flammability Rating UL 94V-0	Circuit Application	Signal
	Industry Standards	
Packaging Features	UL Flammability Rating	UL 94V-0
	Packaging Features	
Tubes per Box 100	Tubes per Box	100

TE Part # 3-1571551-2 TE Internal #: 3-1571551-2



Packaging Method	Box & Tube, Tube
Packaging Quantity	12
Other	
Quantity per Tube	12

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 2019 (197) Candidate List Declared Against: JUN 2018 (191)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | Augat 500 Series

TE Part # 3-1571551-2 TE Internal #: 3-1571551-2





Customers Also Bought



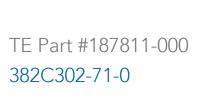
TE Part #1-1721081-1 PCJ-109D3MH,301



TE Part #5-1879129-2 RN 0402 1K82 0.1% 10PPM CUT LENGTH



TE Part #1-104506-0 MTE PIN 28-32 AWG PLTD





TE Part #5-146264-1
02 MODII HDR DRST B/A
100 W/HD



TE Part #6-104071-9
50 SYSTEM 50 HDR SRST
SHRD SN



TE Part #6-1415358-1 PB134009



TE Part #1624117-2 BMB-B 0805 56R



Documents

Product Drawings

540-AG11D-ESL-LF=500 DIP,GF/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1571551-2_C.2d_dxf.zip

540-AG11D-ESL-LF=500 DIP,GF/SN

TE Part # 3-1571551-2 TE Internal #: 3-1571551-2



English

Customer View Model

ENG_CVM_CVM_3-1571551-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1571551-2_C.3d_stp.zip

English

Datasheets & Catalog Pages

DIP Sockets Quick Reference Guide (EN)

English