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↓ **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

532-AG12D-LF=500 DIP,PCB,SN/SN

DIPLOMATE

1-1571550-0

TE Internal Number: 1-1571550-0

Alias ID: 532-AG12D-LF

Always EU RoHS/ELV Compliant

Contact Style **Screw Machine**

Number of Positions **32**

Profile **Standard**

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

Mounting Angle **Vertical**

Product Drawings

**CLOSED FRAME DIP, PREMIUM LEAD FREE (REF AUGAT 500 SERIES) PREMIUM (MACHINED CONTACT)**

PDF  
English

CAD Files

**3D PDF**

PDF  
English

**Customer View Model**

3D\_IGS.ZIP  
English

**Customer View Model**

3D\_STP.ZIP  
English

**Customer View Model**

2D\_DXF.ZIP  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Profile

**Standard**

Row-to-Row Spacing

**15.24 mm [ .6 in ]**

Leg Style

**Straight**

Product Type

**Socket**

Configuration Features

Number of Positions

**32**

Number of Rows

**2**

Electrical Characteristics	Contact Resistance (mΩ)	<b>10</b>
	Insulation Resistance (MΩ)	<b>5000</b>
Body Features	Sleeve Material	<b>Brass/Copper</b>
	Sleeve Plating Material	<b>Tin</b>
	Frame Style	<b>Closed</b>
	Color	<b>Black</b>
Contact Features	Contact Style	<b>Screw Machine</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Thickness (μin)	<b>25</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Base Material	<b>Beryllium Copper</b>
	Socket Type	<b>DIP</b>
	Mating Contact Type	<b>Four-Fingered</b>
	Socket Style	<b>Standard</b>
	Contact Type	<b>Pin</b>
	Contact Current Rating (A)	<b>3</b>
Termination Features	Contact Termination Type	<b>Through Hole</b>
	Termination Post Length	<b>3.18 mm [ .125 in ]</b>
Mechanical Attachment	Mounting Angle	<b>Vertical</b>
	PCB Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
	Mating Alignment Type	<b>Polarization</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Material	<b>Thermoplastic Polyester</b>
Dimensions	Length (in)	<b>1.6</b>
	Height above PC Board	<b>4.57 mm [ .18 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-55 – 105</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>

Packaging Features

Packaging Quantity

15

Packaging Method

Tube, Tube/Box

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

STANDARD RECTANGULAR CONNECTORS	PCB CONNECTOR KEYING	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	BOARD-TO-BOARD HEADERS & RECEPTACLES
 <p>METRIMATE, RCPT, 62P, POSTED 211580-3</p>	 <p>PLASTIC EXTERNAL KEY M.S. 530938-1</p>	 <p>12 MODII HDR DRST UNSHRD .100 5-87543-6</p>	 <p>ASSY, PIN, VERTICAL, HDI, LEAD-FRE 5532430-5</p>
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