



+ CONNECTORS  
DIP SOCKETS



✓ Active

TE CONNECTIVITY (TE)  
518-AG12D-LF=500 DIP,PCB,SN/SN  
[DIPLOMATE](#) | [500 Series](#)

1571550-5  
TE Internal Number: 1571550-5  
Alias ID: 518-AG12D-LF

[EU RoHS Compliant with Exemptions](#)  
[EU ELV Compliant with Exemptions](#)

**Contact Style** Screw Machine

**Number of Positions** 18

**Profile** Standard

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

**Mounting Angle** Vertical

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

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

CAD Files

**Customer View Model**  
3D\_IGS.ZIP  
**English**

**Customer View Model**  
3D\_STP.ZIP  
**English**

Customer View Model

2D\_DXF.ZIP

English

3D PDF

PDF

English

Catalog Pages/Data Sheets

DIP Sockets Quick Reference Guide (EN)

PDF

English

FEATURES



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 7.62 mm [ .3 in ]
- Leg Style Straight
- Product Type Socket

Configuration Features

- Number of Positions 18
- Number of Rows 2

Electrical Characteristics

- Contact Resistance (mΩ) 10
- Insulation Resistance (MΩ) 5000

Body Features

- Color Black
- Frame Style Closed
- Sleeve Plating Material Tin
- Sleeve Material Brass/Copper

Contact Features

- Contact Style Screw Machine
- Contact Mating Area Plating Material Tin
- Contact Mating Area Plating Thickness (μin) 25
- Solder Tail Contact Plating Material Tin
- Contact Current Rating (Max) (A) 3
- Mating Contact Type Four-Fingered
- Contact Type Pin
- Contact Base Material Beryllium Copper
- Socket Style Standard
- Socket Type DIP

Termination Features

**Contact Termination Type** Through Hole  
**Termination Post Length** 3.18 mm [ .125 in ]

Mechanical Attachment

**Mounting Angle** Vertical  
**Mating Alignment** With  
**Mating Alignment Type** Polarization  
**PCB Mount Retention** Without

Housing Features

**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**Housing Material** Thermoplastic Polyester

Dimensions

**Height above PC Board** 4.57 mm [ .18 in ]

Usage Conditions

**Operating Temperature Range (°C)** -55 – 105

Industry Standards

**UL Flammability Rating** UL 94V-0

Packaging Features

**Packaging Quantity** 26  
**Packaging Method** Box & Tube, Tube

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**  
PDF