



+ CONNECTORS

DIP SOCKETS



✓ Active

TE CONNECTIVITY (TE)

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

DIPLOMATE | 500 Series

516-AG12D-LF

TE Internal Number: 1571550-4

[EU RoHS Compliant with Exemptions](#)

[EU ELV Compliant with Exemptions](#)

Contact Style Screw Machine

Number of Positions 16

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 16

Number of Rows 2

Electrical Characteristics

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 30
Packaging Method Box & Tube, Tube

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
