



+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

MINI BX RECPT ASSY 128P SEALED

AMP

2-530745-2

TE Internal Number: 2-530745-2

Mil-Spec: M55302/119-11

Not EU RoHS Compliant

EU ELV Compliant with Exemptions

Connector Style Receptacle

Centerline (mm) 1.27

Centerline (Pitch) (in) .05

Number of Positions 128

Packaging Method Package

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

RECEPTACLE ASSY, MINI BOX MILITARY, WITH LOW FORCE CONTACTS

PDF

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

3D

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

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

- Connector Style** Receptacle
- Stabilizers** Without
- Row-to-Row Spacing** 3.81 mm [.15 in]
- PCB Mounting Orientation** Vertical
- Gasket** Without
- Connector Type** Connector Assembly
- Hybrid** No
- Boss** Without
- Strain Relief** Without
- Sealed** Yes
- Product Type** Connector

Configuration Features

- Number of Positions** 128
- Number of Rows** 2
- Stackable** No

Body Features

- Post Size** .20 x .46 mm [.008 x .018 in]
- Sealing Method** Epoxy
- Post Styles** Posted
- Color** Gray

Contact Features

- Contact Mating Area Plating Material** Gold
- Contact Mating Area Plating Thickness (µin)** 50
- Contact Layout** Staggered
- Contact Protection** Without
- Contact Base Material** Beryllium Copper
- Contact Type** Socket
- Solder Tail Contact Plating Material** Tin-Lead over Nickel

Termination Features

- Termination Post Length (mm)** 3.56, 4.83
- Termination Post Length (in)** .19
- Termination Method to PC Board** Through Hole

Mechanical Attachment

Mating Alignment Type Polarization
PCB Mount Retention Without

Housing Features

Centerline (mm) 1.27
Centerline (Pitch) (in) .05
Housing Material LCP (Liquid Crystal Polymer)
Housing Color Gray

Dimensions

Height 5.46 mm [.215 in]
Tail Length 3.93 mm [.155 in]

Operation/Application

Pick and Place Cover Without
For Use With Mates with Headers
Assembly Process Feature None

Industry Standards

Industry Standard Configuration None

Packaging Features

Packaging Method Package
Packaging Quantity 2

Other

Comment Also see 1-530745-1 unsealed version.

Statement of Compliance

Statement of Compliance
PDF