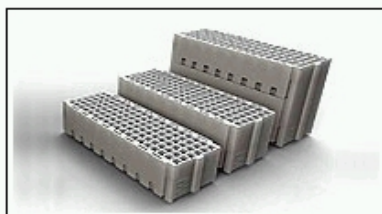


1-2102061-1 Product Details



1-2102061-1

.050, .075, .100 Box Connectors

[Not EU RoHS or ELV Compliant](#)

Product Highlights:

- Connector Style = Receptacle
- Connector Assembly
- Contact Type = Socket
- 1.27 mm Centerline
- Number of Rows = 6

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [ASSEMBLY, SOCKET, 114 POSITION, MINI-BOX STACKING CO...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [MEZALOK* Stacking Connector System](#) (PDF, English)

Application Specifications:

- [Mezalok Stacking Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version B)
- [3D Model](#) (IGES, Version B)
- [3D Model](#) (STEP, Version B)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Connector Type = Connector Assembly
- Sealed = No
- Strain Relief = Without
- [Mount Angle](#) = Vertical
- PCB Mount Style = Surface Mount - Solder Ball
- Color = Natural

Termination Features:

- Solder Ball Material = Tin Lead

Body Features:

- Centerline (mm [in]) = 1.27 [0.050]
- [Number of Rows](#) = 6
- [Number of Positions](#) = 114
- [Staggered Rows](#) = No
- Gasket = Without
- Pin Protection = Without
- Hybrid = No
- Jackscrews = Without
- Stabilizers = Without

Contact Features:

- Contact Type = Socket
- Contact Plating, Mating Area, Material = Gold (30)
- Contact Base Material = Beryllium Copper

Housing Features:

- Connector Style = Receptacle
- Housing Material = Liquid Crystal Polymer (LCP)

Configuration Features:

- Stack Height (mm [in]) = 18.00 [0.709]

Industry Standards:

- Government/Industry Qualification = No
- Industry Standard Configuration = VITA 61
- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C

Operation/Application:

- Application = PC Solder Mount

Other:

- Brand = AMP
- Comment = Conforms to requirement of VITA 61 (VITA 42 Alternate).; VITA 42 and VITA 61 are not intermateable but are footprint and XMC architecture compatible.

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