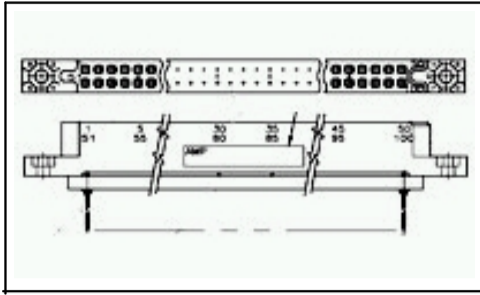


## Product Details for 530882 - 1



**530882 - 1**

[Active](#)

### .050, .075, .100 Box Connectors

[ELV Compliant](#) (Statement of Compliance)

#### Product Highlights:

- ? Receptacle Assembly
- ? 2.54 mm Centerline
- ? Number of Rows = 2
- ? Number of Positions = 30
- ? Post Styles = Channel Contact (Flow Solder)

[View all Features](#)

#### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

### Documentation & Additional Information

#### Product Drawings:

- ? [BOX CONNECTOR RECEPTACLE ASSY, WITH GASKET, .100 GRL...](#) (TIF, English)

#### Catalog Pages/Data Sheets:

- ? None Available

#### Product Specifications:

- ? None Available

#### Application Specifications:

- ? [Box Connectors With Contacts On .075 And .100 Inch C...](#) (PDF, English)

#### Instruction Sheets:

- ? None Available

#### CAD Files:

- ? None Available

#### 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:

- ? Product Type = Receptacle Assembly
- ? [Number of Positions](#) = 30
- ? Post Size (mm [in]) = 0.36 x 0.46 [.014 x .019]
- ? Sealed = No
- ? Strain Relief = Without
- ? [Mount Angle](#) = Vertical
- ? PCB Mount Style = Thru Hole
- ? Gasket Material = Silicone Rubber
- ? Comment = External keying.

#### Termination Related Features:

- ? Termination Post Length (mm [in]) = 3.95 [0.156]

#### Body Related Features:

- ? Centerline (mm [in]) = 2.54 [0.100]
- ? [Number of Rows](#) = 2
- ? Post Styles = Channel Contact (Flow Solder)
- ? [Staggered Rows](#) = No
- ? Gasket = With
- ? Gasket Style = Gasket (Wire Side)
- ? Pin Protection = Without
- ? Hybrid = No
- ? Jackscrews = Without
- ? Stabilizers = Without

#### Contact Related Features:

- ? Contact Mating Area Plating = Gold (50)
- ? Contact Material = Beryllium Copper
- ? Contact Termination Area Plating = Tin Lead over Nickel

#### Housing Related Features:

- ? Housing Material = Polyphenylene Sulfide

#### Industry Standards:

- ? Government/Industry Qualification = Yes
- ? Government/Industry Part Number = M55302/27 -181
- ? [RoHS/ELV Compliance](#) = ELV compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- ? RoHS/ELV Compliance History = Always was ELV compliant

#### Operation/Application:

- ? Application = Flow Soldering

#### Other:

- ? Brand = AMP