

## 5145299-2 Product Details



5145299-2

TE Internal Number: 5145299-2

Active

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### Smart Card Connectors

Always EU RoHS/ELV Compliant ([Statement of Compliance](#))

#### Product Highlights:

- Connector
- 8 Positions
- With Card Guide Slots
- Not Stacked
- Height Above PC Board = 4.05 mm

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- [SIM/SAM CONNECTOR WITH LID, 8 POSN OR 6 POSN WITH SW...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [Connector, SIM/SAM](#) (PDF, English)

#### Application Specifications:

- [Subscriber Identity Module/Security Access Module \(S...](#) (PDF, English)

#### Instruction Sheets:

- None Available

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

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

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

#### Product Type Features:

- Product Type = Connector
- Card Guide Slots = With
- Stacked = No
- Termination Type = IDC
- PCB Mount Style = Surface Mount
- Comment = Has Stainless Steel Locking Disk; Designed to accept GSM 11.11 SIM (Subscriber Identity Module) and SAM (Security Access Module) Integrated Circuit Cards. Has Stainless Steel Locking Disk.

#### Termination Related Features:

- Solder Tail Contact Plating = Tin over Nickel

#### Body Related Features:

- Number of Positions = 8
- Mount Style = Surface Mount
- [Card Scoop](#) = With
- Card Thickness (mm [in]) = 0.76 [0.030]
- Number of Signal Contacts = 8
- Durability Rating = 10,000 Cycles

#### Contact Related Features:

- Height off PCB (mm [in]) = 1.55 [0.059]
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold

#### Housing Related Features:

- Housing Color = Black
- Housing Material = High Temperature Thermoplastic

#### Configuration Related Features:

- Height Above PC Board (mm [in]) = 4.05 [0.159]
- Cable = Without
- Card Detection Switch = Without

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Other:

- Brand = AMP



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