

## 5145300-2 Product Details

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5145300-2

### Smart Card Connectors

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

#### Product Highlights:

- Connector
- 8 Positions
- Without Card Guide Slots
- Not Stacked
- Height Above PC Board = 3.65 mm

[View all Features](#)

TE Internal Number: 5145300-2

[Active](#)

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### Documentation & Additional Information

#### Product Drawings:

- [SURFACE MOUNT SMART CARD W/ CARD DETECTION SWITCH \(PDF, English\)](#)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

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

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

[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 = Without
- Stacked = No
- Profile = Standard
- Card Type = Smart Card

#### Termination Related Features:

- Solder Tail Contact Plating = Tin over Nickel

#### Body Related Features:

- Number of Positions = 8
- Mount Style = Surface Mount
- [Card Scoop](#) = Without
- Card Thickness (mm [in]) = 0.76 [0.030]
- Switch Style = Unsealed
- Number of Signal Contacts = 8
- Number of Switch Contacts = 2
- Durability Rating = 50,000 Cycles
- Cover = With

#### Contact Related Features:

- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (30)

#### Housing Related Features:

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

#### Configuration Related Features:

- Height Above PC Board (mm [in]) = 3.65 [0.144]
- Cable = Without
- Card Detection Switch = With
- Card Detection Switch Position = Normally Open

#### 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

#### Conditions for Usage:

- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

#### Packaging Related Features:

- Packaging Quantity = 448/Carton

#### Other:

- Brand = AMP

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