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Part Number:

0850520696

Status:

Active

Overview:

DIN 41612

Description:

2.54mm Pitch DIN 41612 Receptacle, Style R Reverse, 32 Circuits

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

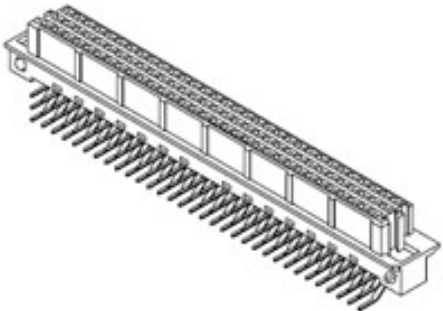
Drawing (PDF)

|                      |  |                      |
|----------------------|--|----------------------|
| Agency Certification |  |                      |
| CSA                  |  | LR19980              |
| UL                   |  | E29179               |
| General              |  |                      |
| Product Family       |  | Backplane Connectors |
| Series               |  | 85052                |
| Application          |  | Backplane            |
| Component Type       |  | PCB Receptacle       |
| Overview             |  | DIN 41612            |
| Product Name         |  | IEC 603-2/DIN 41612  |
| Style                |  | R                    |
| UPC                  |  | 756054854945         |

|                                |  |                |
|--------------------------------|--|----------------|
| Physical                       |  |                |
| Circuits (Loaded)              |  | 32             |
| Circuits (maximum)             |  | 96             |
| Durability (mating cycles max) |  | 500            |
| First Mate / Last Break        |  | No             |
| Flammability                   |  | 94V-0          |
| Guide to Mating Part           |  | No             |
| Keying to Mating Part          |  | Yes            |
| Material - Plating Mating      |  | Gold           |
| Net Weight                     |  | 10.677/g       |
| Number of Columns              |  | 16             |
| Number of Pairs                |  | Open Pin Field |
| Number of Rows                 |  | 3              |
| Orientation                    |  | Right Angle    |
| PC Tail Length                 |  | 2.80mm         |
| PCB Locator                    |  | No             |
| PCB Retention                  |  | Yes            |
| PCB Thickness - Recommended    |  | 1.60mm, 3.20mm |
| Packaging Type                 |  | Tray           |
| Pitch - Mating Interface       |  | 2.54mm         |
| Pitch - Termination Interface  |  | 2.54mm         |
| Polarized to PCB               |  | Yes            |
| Stackable                      |  | No             |
| Surface Mount Compatible (SMC) |  | No             |
| Temperature Range - Operating  |  | -55° to +125°C |
| Termination Interface: Style   |  | Through Hole   |

|                               |  |               |
|-------------------------------|--|---------------|
| Electrical                    |  |               |
| Current - Maximum per Contact |  | 2.5A          |
| Data Rate                     |  | 622.0 Mbps    |
| Real Signals (per 25mm)       |  | 30            |
| Voltage - Maximum             |  | 250V AC (RMS) |

|                                                |  |     |
|------------------------------------------------|--|-----|
| Solder Process Data                            |  |     |
| Duration at Max. Process Temperature (seconds) |  | 010 |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per                                             |               |
| -ED/88/2018 (15                                               |               |
| January 2019)                                                 |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

85052 Series

Mates With

DIN 41612 Headers [85003](#) , [85013](#)

Lead-freeProcess Capability  
Process Temperature max. C

WAVE  
260

**Material Info**

**Reference - Drawing Numbers**  
Sales Drawing

SD-85052-0696, SDA-85052-0001

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