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Part Number:

0850032763

Status:

Active

Overview:

DIN 41612

Description:

2.54mm Pitch DIN 41612 Header, Style C, Right-Angle, Through Hole ,0.25µm Selective Gold (Au), 64 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85003-0001-001 (PDF)

Packaging Specification PK-85003-001 (PDF)

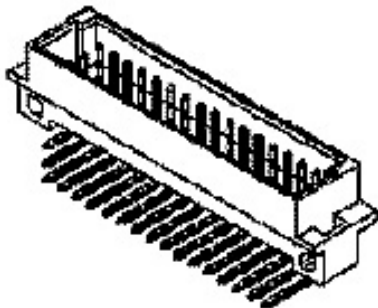
RoHS Certificate of Compliance (PDF)

|                      |                      |
|----------------------|----------------------|
| Agency Certification |                      |
| CSA                  | LR19980              |
| UL                   | E29179               |
| General              |                      |
| Product Family       | Backplane Connectors |
| Series               | 85003                |
| Application          | Daughtercard         |
| Component Type       | PCB Header           |
| Overview             | DIN 41612            |
| Product Name         | IEC 603-2/DIN 41612  |
| Style                | C                    |
| UPC                  | 800753873988         |

|                                |                |
|--------------------------------|----------------|
| Physical                       |                |
| Circuits (Loaded)              | 64             |
| Circuits (maximum)             | 96             |
| Durability (mating cycles max) | 50             |
| First Mate / Last Break        | Yes            |
| Flammability                   | 94V-0          |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | Yes            |
| Material - Plating Mating      | Gold           |
| Net Weight                     | 11.764/g       |
| Number of Columns              | 16             |
| Number of Pairs                | Open Pin Field |
| Number of Rows                 | 3              |
| Orientation                    | Right Angle    |
| PC Tail Length                 | 3.00mm         |
| PCB Locator                    | No             |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm         |
| 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    |
| Voltage - Maximum             | 250V AC (RMS) |

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

85003 Series

Mates With

85042 DIN 41612 Receptacle. 85052 DIN 41612 Header

|                                    |                    |                   |
|------------------------------------|--------------------|-------------------|
| Lead-free                          | Process Capability | N/A               |
| <b>Material Info</b>               |                    |                   |
| <b>Reference - Drawing Numbers</b> |                    |                   |
| Packaging                          | Specification      | PK-85003-001      |
| Product                            | Specification      | PS-85003-0001-001 |
| Sales                              | Drawing            | SD-85003-2763     |

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