

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

[0850031691](#)

Status:

Active

Overview:

[DIN 41612](#)

Description:

2.54mm Pitch DIN 41612 Header, Style C, Right-Angle, Through Hole, 1µm Selective Gold (Au), 96 Circuits, Board Lock Option Available, Lead-Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-85003-0001-001 \(PDF\)](#)

[Packaging Specification PK-85003-001 \(PDF\)](#)

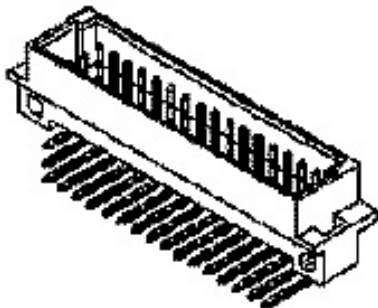
[RoHS Certificate of Compliance \(PDF\)](#)

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	800753747197

Physical	
Circuits (Loaded)	96
Circuits (maximum)	96
Durability (mating cycles max)	500
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	15.800/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	1.0A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Solder Process Data



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per -ED/01/2018 (15 January 2018) Halogen-Free Status Not Low-Halogen	China RoHS
Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	
China ROHS ELV RoHS Phthalates	Green Image Not Relevant Not Contained

Search Parts in this Series
[85003](#) Series

Mates With
[85042](#) DIN 41612 Receptacle. [85052](#) DIN 41612 Header

Duration at Max. Process Temperature (seconds)010
Lead-freeProcess CapabilityWAVE
Process Temperature max. C260

Material Info

Reference - Drawing Numbers

Packaging SpecificationPK-85003-001
Product SpecificationPS-85003-0001-001
Sales DrawingSD-85003-1691

This document was generated on 08/16/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[85003-1691](#)