

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0850031794**

Status: **Active**

Overview:

Description: 2.54mm (.100") Pitch DIN 41612 Header, Style C/2, Right Angle, Through Hole, 0.6µm (24µ") Selective Gold (Au), 48 Circuits, Board Lock Option Available, Lead free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

General

Product Family	Backplane Connectors
Series	85003
Application	Daughtercard
Component Type	PCB Header
Overview	IEC 603-2 / DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	C/2

Physical

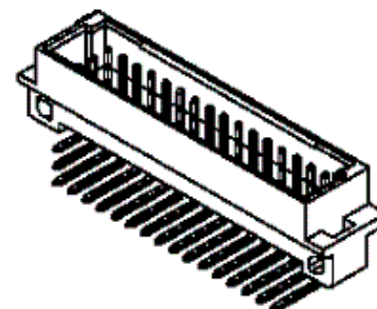
Circuits (Loaded)	48
Circuits (maximum)	48
Durability (mating cycles max)	400
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Number of Columns	16
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Right Angle
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	1A
Data Rate	622.0 Mbps
UL	E29179
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Halogen-Free**

Status

Not Reviewed

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.

Search Parts in this Series

[85003 Series](#)

Mates With

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

This document was generated on 11/06/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION