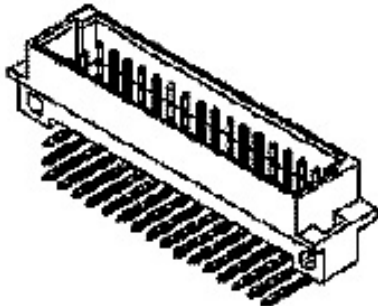


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0850037093](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 C/2 Style Male Header, Right Angle, Through Hole, 0.80µm Selective Gold (Au) Plating, 48 Circuits, with Mounting Clips, No Flux Proof, Lead-Free, High Temperature version

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85003-0001-001 \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	85003
Application	Backplane
Comments	With Mounting Clips. No Flux Proof. 5.40mm First-Mate-Last-Break Contacts. 4.80mm Normal Contacts
Component Type	PCB Header
Overview	DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	C/2
UPC	800756161235
Physical	
Circuits (Loaded)	48
Circuits (maximum)	48
Circuits Detail	Standard Contacts at: A:a2-a15; B:b1-b16, C:c2-c15 . First-Mate-Last-Break Contacts at: X:c1,c16; Y:b1,b16; Z:a1,a16
Color - Resin	Natural
Durability (mating cycles max)	400
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.822/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	Carton
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.813µm
Plating min - Termination	2.540µm



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per -ED/01/2017 (12 January 2017) Halogen-Free Status Not Low-Halogen Need more information on product environmental compliance?	China RoHS
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

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	
Current - Maximum per Contact	1.0A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-85003-0001-001
Sales Drawing	SD-85003-0002, SD-85003-7093

This document was generated on 03/01/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION