

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850090074

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M, Right Angle, Through Hole, 0.6µm (24µ") Selective Gold (Au), 64 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85003-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

85009

Backplane

Mixed Layout

PCB Header

din_41612

IEC 603-2/DIN 41612

M

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Temperature Range - Operating

64

64

60 + 4

400

No

94V-0

No

Yes

20

Open Pin Field

3

Right Angle

0.118 In

3.00 mm

No

None

0.062 In

1.60 mm

Tray

0.100 In

2.54 mm

0.100 In

2.54 mm

-55°C to +125°C

Electrical

Current - Maximum per Contact

Data Rate

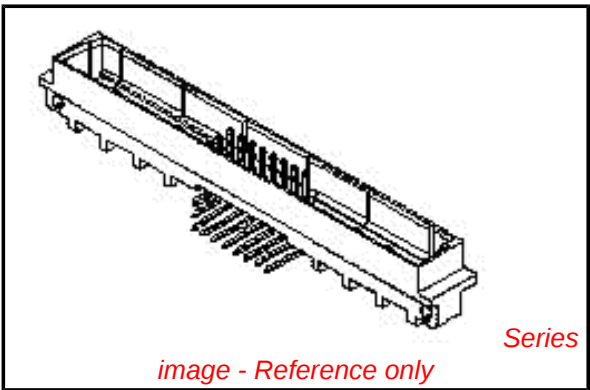
Voltage - Maximum

1.5A

622.0 Mbps

250V AC (RMS)

Material Info



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

85009Series

Mates With

DIN 41612/IEC 603-2 Mixed Layout Connector 85048 , 85056

Use With

85023 DIN 41612 Coaxial Contact

Reference - Drawing Numbers

Packaging Specification	PK-85009-001
Product Specification	PS-85003-0001
Sales Drawing	SDA-85009-0003, SDA-85009-0074

This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

VIEW ON MATING SIDE

[illegible]

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

- | | | | | | |
|---|---|----|----------|----------|-------|
| A | = | 20 | STANDARD | CONTACTS | L = 3 |
| B | = | 20 | STANDARD | CONTACTS | L = 3 |
| C | = | 20 | STANDARD | CONTACTS | L = 3 |

S = 60 TOTAL NUMBER OF CONTACTS

Marking	Standard
Per-formance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	S0A-85009-0003 sht.1
Technical Data	PS-85003-0001

C	G2/O	c7-26
B	G2/O	b7-26
A	G2/O	a7-26
Contact symbol	Perform. level	Contact position number

C	see ECN No. 2204 96/07/18 Cd	LTR	REVISIONS		FOR PREVIOUS REVISIONS SEE MFL LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$				DRAWG BY Ca	SIGN	REVISION ONLY ON CAD SYSTEM				SH.	REV.
			3 PLACE $\pm$.		INCH		METRIC											
			2 PLACE $\pm$.															
			1 PLACE $\pm$.															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DESIGN DIMENSION		☐ MM	☐ IN.	SIGN		CHK'D BY KN		TITLE		CAD/CAM PROJECT NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
								APP'D BY		SIGN		60 pos. Male connector acc. DIN 41612 style M contacts arrangement		s85009000 s71				
								SCALE				PART NO.		DWG NO.		SIZE		
												85009-0074		SDA-85009-0074		A		