

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850010452

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 B Style Male Header, PCT, Right Angle, Through Hole, 0.60µm (24µ") Selective Gold (Au) Plating, 64 Circuits, with Mounting Clips, No Flux Proof

Documents:	
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-85003-0001 (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	85001
Application	Backplane
Comments	With Mounting Clips. No Flux Proof
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	B
Physical	
Circuits (Loaded)	64
Circuits (maximum)	64
Circuits Detail	Contact Positions: a1-a32; b1-b32
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	Polyester
Number of Columns	16
Number of Pairs	Open Pin Field
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.154 In
PC Tail Length (mm)	3.90 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Carton
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
Plating min: Mating (µin)	24
Plating min: Mating (µm)	0.60
Plating min: Termination (µin)	98
Plating min: Termination (µm)	2.5

EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

[85001Series](#)

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	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-36507-001
Product Specification	PS-85003-0001
Sales Drawing	SDA-85001-0001, SDA-85001-0452

This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

View on mating side

[illegible]

A = 32 standard contacts L=3,9

$B = 32$ standard contacts $L = 3, 9$

$S = 64$ total number of contacts

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	yes
Dimensions	SDA-85001-0001 sht.3
Technical Data	PS-85003-0001

B	G2/0	b1-32
A	G2/0	a1-32
Contact symbol	Perform. level	Contact position number

first release see ECN No. 2510	LTR	REVISIONS		FOR PREVIOUS REVISIONS SEE MRL LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$			DRWG BY	SIGN	CAD/CAM PROJECT NAME s85001004 s51	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SH.	REV.		
		INCH			METRIC			Ca	CHK'D BY	TITLE						
A		3 PLACE $\pm$.			$\pm$			KN	APP'D BY	SIGN	64 pos. Male connector acc. DIN 41612 style B contacts arrangement					
		2 PLACE $\pm$.			$\pm$											
		1 PLACE $\pm$.			$\pm$											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DESIGN DIMENSION			☐ MM ☐ IN.			MOLEX* MOLEX EUROPE			SHEET NO. DATE 1 OF 1 97/06/17				
			EQUIVALENT DIMENSION			☐ MM ☐ IN. IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY			SCALE JB			PART NO. 850001-0452		DWG NO. SDA-85001-0452		SIZE A