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Part Number: 0850019010
Status: Active
Overview: din_41612
Description: 2.54mm (.100") Pitch DIN 41612 B/2 Style Male Header, PBT, Right Angle, Through Hole, 0.60µm (24µ") Selective Gold (Au) Plating, 8 Circuits, with Mounting Clips, No Flux Proof

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

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/2

Physical

Circuits (Loaded)	8
Circuits (maximum)	32
Circuits Detail	Contact Positions at: A:a1,a14,a15,a16; B:b1,b14,b15,b16
Color - Resin	Natural
Durability (mating cycles max)	400
First Mate / Last Break	No
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)	0.118 In
PC Tail Length (mm)	3.00 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
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C

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

Termination Interface: Style	Through Hole

Electrical

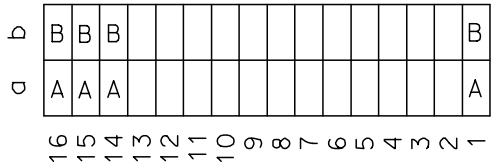
Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-36507-001
Product Specification	PS-85003-0001
Sales Drawing	SD-85001-9010

View on mating side



A = 4 standard contacts L=3
B = 4 standard contacts L=3

S = 8 total number of contacts

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	YES
Dimensions	SDA-85001-0002 sht.1
Technical Data	PS-85003-0001

B	G2/0	b1, b14, b15, b16
A	G2/0	a1, a14, a15, a16
Contact symbol	Perform. level	Contact position number

EC NO: I2005-0303 2005/03/01
DRWN:SIVAKUMAR 2005/03/02
CH'KD:SSUDHIR 2005/03/03
APPR:KPRASAD
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.2	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	SIVAKUMA	2004/12/09
CHECKED BY	SSUDHIR	2004/12/09
APPROVED BY	SSUDHIR	2004/12/09

TITLE: 32 POS. MALE DIN CONNECTOR DIN 41612 STYLE B/2

MOLEX INCORPORATED

MATERIAL NO.: 85001-9010
DOCUMENT NO.: SD-85001-9010
SHEET NO.: 1 OF 1

SIZE A4