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Part Number:

0850019012

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 B Style Male Header, PBT, 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 \(PDF\)](#)

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 at: A:a1-a2,a4-a31; B:b1-b31; Y:b32; Z:a3,a32
Color - Resin	Natural
Durability (mating cycles max)	400
First Mate / Last Break	Yes
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-85001-9012

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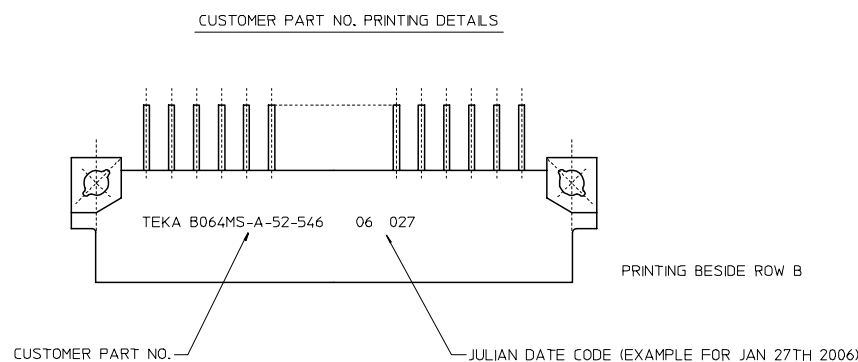
[illegible]

A = 30 STANDARD CONTACTS L = 3
B = 31 STANDARD CONTACTS L = 3
Z = 2 FMLB CONTACTS +0.6 L = 3
Y = 1 FMLB CONTACTS +0.6 L = 3

S = 64 TOTAL NUMBER OF CONTACTS

MARKING	CUSTOMER SPECIAL (REFER TO PRINTING DETAILS)
PERFORMANCE LEVEL	G2/0 = CONTACT AREA LEVEL 2 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	YES
DIMENSIONS	SD-85001-0001 SHT 1-2

Y	G2/0	b32
Z	G2/0	a3, a32
B	G2/0	b1-b31
A	G2/0	a1-a2, a4-a31
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER



RoHS COMPLIANT

ENTER DESCRIPTION EC NO. 2006/05/08 DFMWSSMTI MARAD APPCS SSUDHIR APPCS SSUDHIR APPCS SSUDHIR	2006/05/08 2006/05/08 2006/05/08 2006/05/08 2006/05/08	QUALITY SYMBOLS ▽+0 ▽-0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± .125 ± .005 3 PLACES ± .063 ± .0025 2 PLACES ± .031 ± .0012 1 PLACE ± .016 ± .0006 ANGULAR ± .005	DIMENSION STYLE MM ONLY DRAWN BY SHANKAR CHECKED BY SSUDHIR APPROVED BY SSUDHIR DATE 2006/05/08 DATE 2006/05/08 DATE 2006/05/08	SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION	64 POS MALE CONNECTOR ACC. DIN 41612 STYLE B CONTACTS ARRANGEMENT MOLEX INCORPORATED
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 85001-9012	DOCUMENT NO. SD-85001-9012	SHEET NO. 1 OF 1	
	SIZE A1 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
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