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Part Number:

0850019011

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, 16 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,a5,a9,a13; B;b1,b5,b9,b13
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
Termination Interface: Style	Through Hole

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

Electrical

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

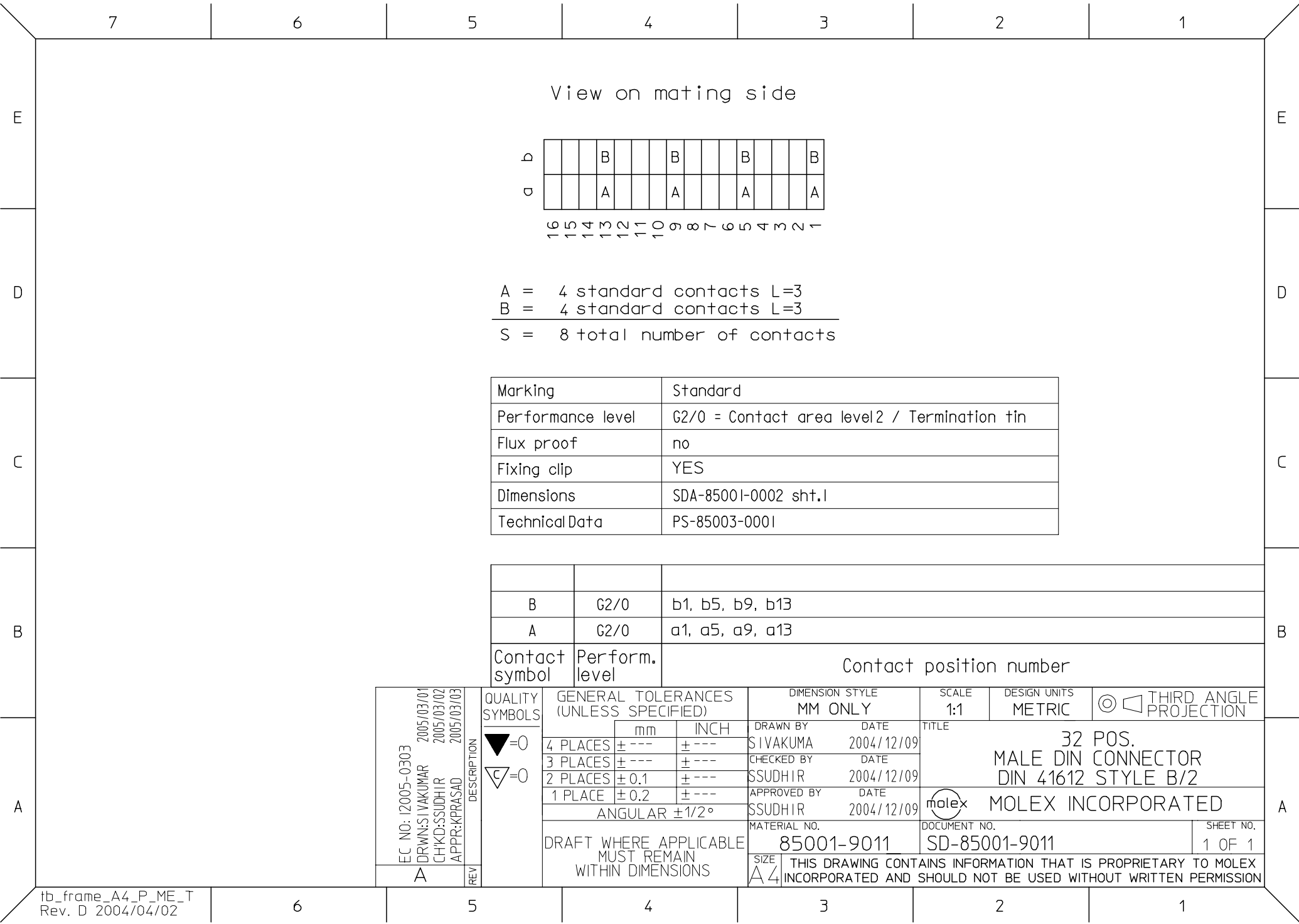
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-36507-001
Product Specification	PS-85003-0001
Sales Drawing	SD-85001-9011

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View on mating side

B				B				B				B					B
A				A				A				A					A
16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		

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, b5, b9, b13
A	G2/0	a1, a5, a9, a13
Contact symbol	Perform. level	Contact position number

EC NO: 12005-0303 DRWN:SIVAKUMAR 2005/03/01 CHKD:SSUDHIR 2005/03/02 APPR:KPRASAD 2005/03/03 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY SIVAKUMA	DATE 2004/12/09	TITLE 32 POS. MALE DIN CONNECTOR DIN 41612 STYLE B/2 MOLEX INCORPORATED			
			4 PLACES	± ---	± ---	CHECKED BY SSUDHIR	DATE 2004/12/09				
			3 PLACES	± ---	± ---	APPROVED BY SSUDHIR	DATE 2004/12/09				
			2 PLACES	± 0.1	± ---						
			1 PLACE	± 0.2	± ---						
			ANGULAR ±1/2°			MATERIAL NO. 85001-9011		DOCUMENT NO. SD-85001-9011			SHEET NO. 1 OF 1
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					