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Part Number:

0850132828

Status:

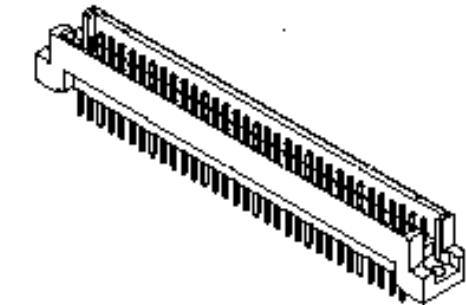
Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Vertical, 3-Row C-Pin, Press-Fit Style R Male, 0.6µm (24µ") Selective Gold (Au), 96 Circuits, Lead free



Series

image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Product Specification PS-85013-0002 \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	85013
Application	Backplane
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	R

Physical

Circuits (Loaded)	96
Circuits (maximum)	96
Circuits Detail	Rows A, B, & C
Color - Resin	Gray
Durability (mating cycles max)	400
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.228 In
PC Tail Length (mm)	5.80 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In, 0.157 In
PCB Thickness Recommended (mm)	1.60 mm, 4.00 mm
Packaging Type	Tray
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)	0.6
Plating min: Termination (µin)	16
Plating min: Termination (µm)	0.4

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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
85013Series

Mates With
85042 DIN 41612 Receptacle . 85052 DIN
41612 Header

Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
Shielded	No
Voltage - Maximum	1000V (RMS)

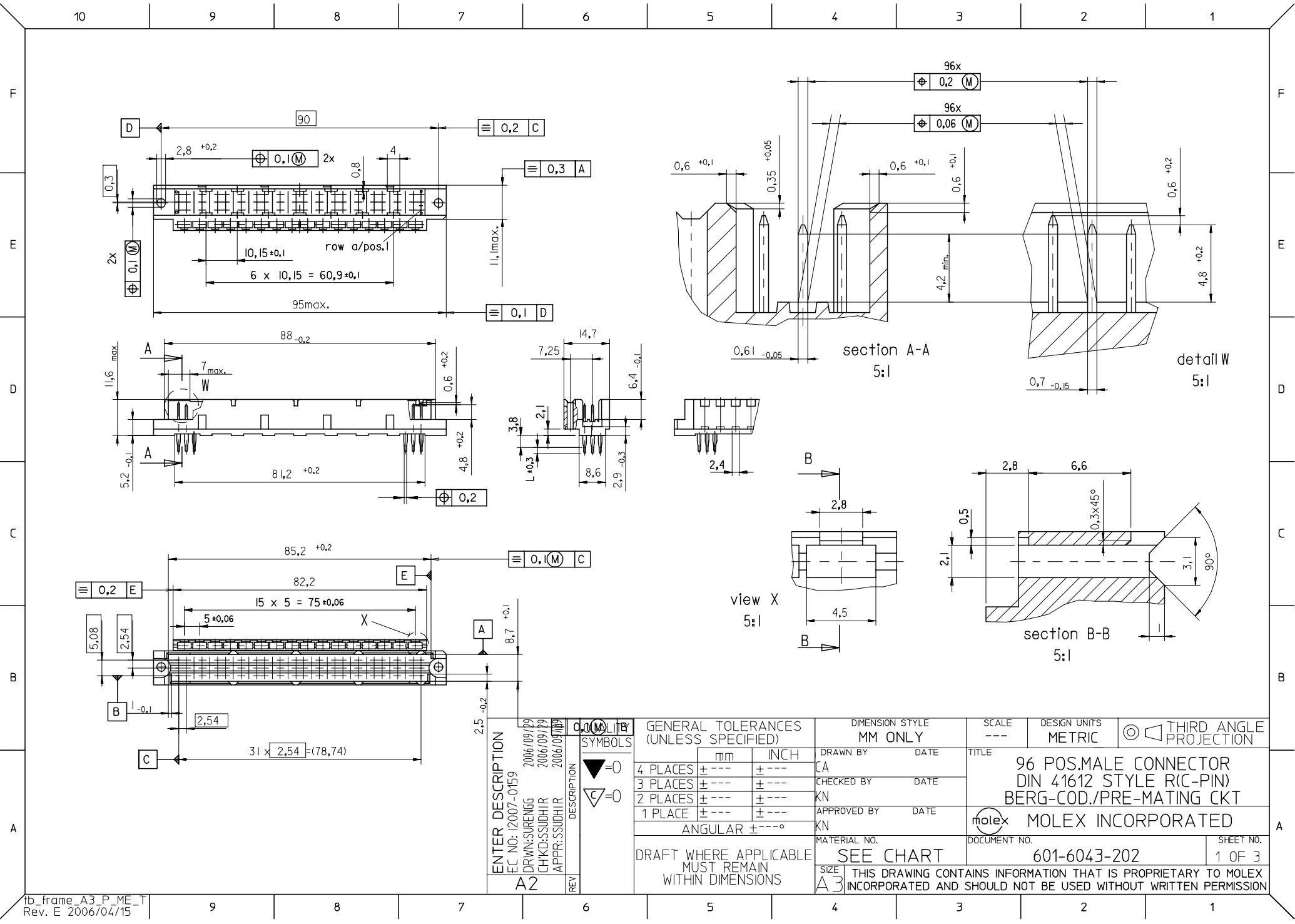
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85013-001
Product Specification	PS-85013-0002
Sales Drawing	601-6043-202

This document was generated on 05/17/2010

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F

E

D

C

B

A

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96P-6043-072U-7-BE113	85013-2995	yes	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	a/b/c2	ACTIVE
96P-6043-072U-6-B	85013-2971	yes	2/flash	Wire wrap	16,4	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-072U-7-BE61	85013-2969	yes	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	a/c1+32, b1+3+30+32	ACTIVE
96P-6043-072U-7-B	85013-2957	yes	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-072V-9-BE113	85013-2828	no	2	-----	2	1,2,3...32	a+b+c	a/b/c2	ACTIVE
96P-6043-072M-8-B	85013-2610	yes	2/2	Wire wrap	9,4	1,2,3...32	a+b+c	-----	VOID
96P-6043-0732-7-BE113	85013-1926	no	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	a/b/c2	ACTIVE
96P-6043-072V-9-B	85013-1457	yes	2	-----	2	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-0732-7-BE61	85013-0866	no	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	a/c1+32, b1+3+30+32	ACTIVE
96P-6043-0732-7-B	85013-0842	no	2/flash	Wire wrap	13,3	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-0732-6-B	85013-0830	no	2/flash	Wire wrap	16,4	1,2,3...32	a+b+c	-----	ACTIVE
96P-6043-072V-8-B	85013-0775	yes	2	Wire wrap	9,4	1,2,3...32	a+b+c	-----	ACTIVE
Engineering number	Ordering code	Molex std.	Perf.level hard gold acc. MIL-G45204	Termi- nation	Contact sequence/row	Position of pre- mating contacts	PART STATUS		

RoHS COMPLIANT

ENTER DESCRIPTION
EC NO: 12007-0159
DRWNSURENGG 2006/09/29
CHKD:SSUDHIR 2006/09/29
APPR:SSUDHIR 2006/09/29

QUALITY SYMBOLS
=0
=0

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ± ---°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
CHECKED BY DATE
APPROVED BY DATE
MATERIAL NO.
SIZE A3

SCALE

TITLE
96 POS.MALE CONNECTOR
ACC. TO DIN41612 C-PIN
STYLE R
moLEX MOLEX INCORPORATED
DOCUMENT NO.
601-6043-202
SHEET NO.
2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ib_frame_A3_P_ME_T
Rev. E 2006/04/15

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	10	9	8	7	6	5	4	3	2	1		
F												F
E												E
D												D
C												C
B												B
A												A
ib_frame_A3_P_ME_T Rev. E 2006/04/15												
	9	8	7	6	5	4	3	2	1			

1. General : Technical Data
96 pos. Male connector acc. DIN 41612 style R (C-Pin)
with Berg coding device and extended pins

2. Material :

2.1 Molding material : Thermoplastic Polyester GV30 grey RAL 7032

2.1.1 Molding material :
burning properties acc. to UL94 V0

2.1.2 Resistance against :
solvents : good

2.2 Pin contact : CuSn

2.21 Contact plating : Performance level I or II (Test acc. DIN 41612 part 5)

3. Printing : Part.No., date of manufacturing

ENTER DESCRIPTION EC NO: I2007-0159 DRWN: SURENGG 2006/09/29 CHKD: SSUDHIR 2006/09/29 APPR: SSUDHIR 2006/09/29 A2	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE	96 POS.MALE CONNECTOR ACC_DIN41612 R(C-PIN) DATA			
		4 PLACES	±---	±---	CA						
		3 PLACES	±---	±---	CHECKED BY	DATE					
		2 PLACES	±---	±---	KN						
1 PLACE	±---	±---	APPROVED BY	DATE	moLEX MOLEX INCORPORATED						
ANGULAR ±---°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		601-6043-202		3 OF 3				
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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