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Part Number:

0850133299

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Style R, 1µm (40µ")
Selective Gold (Au), 96 Circuits, Lead free

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-85013-0002 \(PDF\)](#)

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)	500
First Mate / Last Break	Yes
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
PCB Locator	No
PCB Retention	Yes
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
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
Voltage - Maximum	1000V (RMS)

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

85052 Receptacle

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85013-001
Product Specification	PS-85013-0002
Sales Drawing	SDA-85013-3299

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View on mating side

[illegible]

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A = 6 standard contacts L=2

D = 90 MFb contacts L=2

$S = 96$ total number of contacts

Marking	Standard
Performance level	G2/0 = Contact area per form. level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	602-6043-201
Technical Data	PS-85013-0002

D	G2/0	a2-31	b2-31	c2-31
A	G2/0	a1,32	b1,32	c1,32
Contact symbol	Per form. level	Contact position number		

	Dims. 602-6043-201	ECN No. MC 1999-0160	98 / 12 / 10 Ca	LTR	REVISIONS	FOR PREVIOUS REVISIONS SEE MRJ LIST	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .2° INCH METRIC	DRWG BY Ca	SIGN	CAD/CAM PROJECT NAME	REVISE ONLY ON CAD SYSTEM	SH.	REV.
							3 PLACE ± • ± 2 PLACE ± • ± 1 PLACE ± • ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHK'D BY Er	SIGN	TITLE 96 pos. Male connector acc. DIN 41612 style R contacts arrangement			
							DESIGN DIMENSION ☐ MM ☐ IN.	APP'D BY FB	SIGN	 MOLEX EUROPE	SHEET NO. 1 OF 1	DATE 98 / 10 / 26	
							EQUIVALENT DIMENSION ☐ MM ☐ IN. IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION LOWER IS SECONDARY	SCALE	PART NO. 85013-3299	DWG NO. SDA-85013-3299	SIZE A		