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Part Number: [31100-0040](#)
Status: **Active**
Overview: [H-DAC 64™ Unsealed Connector System](#)
Description: [H-DAC 64™ 2.54mm 4 Way Right Angle Header Assembly, Polarization A](#)

Documents:

3D Model	Product Specification PS-34646-001 (PDF)
Drawing (PDF)	Application Specification AS-31067-100 (PDF)
Product Specification PS-31100-0001 (PDF)	RoHS Certificate of Compliance (PDF)

General

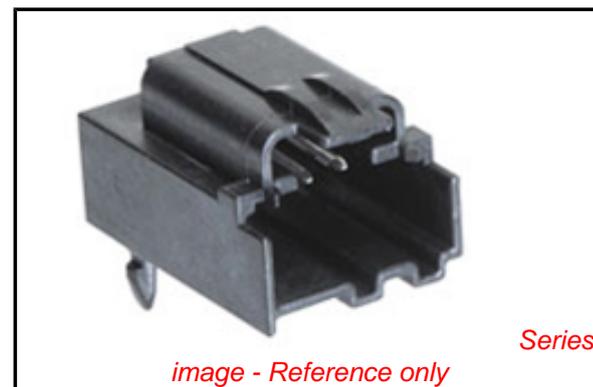
Product Family	PCB Headers
Series	31100
Application	Power, Wire-to-Board
Comments	Polarization Option A, Black
Overview	H-DAC 64™ Unsealed Connector System
Product Name	N/A
UPC	822350654951

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Modified Polystyrene
Net Weight	1.776/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.52mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +100°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	5A, 7A
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EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

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

[31100Series](#)

Mates With

[H-DAC 64™, 4 Way Receptacle Assembly](#)

Voltage - Maximum 500V DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 40
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Application Specification AS-31067-100
Product Specification PS-31100-0001, PS-34646-001
Sales Drawing SD-31197-003

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