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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:**

[Drawing \(PDF\)](#) [Application Specification AS-31067-100 \(PDF\)](#)  
[Product Specification PS-31100-0001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

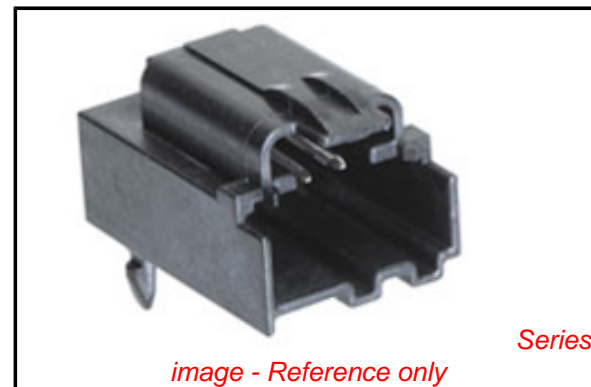
Product Family	PCB Headers
Series	<a href="#">31100</a>
Application	Power, Wire-to-Board
Comments	Polarization Option A, Black
Overview	<a href="#">H-DAC 64™ Unsealed Connector System</a>
Product Name	N/A
UPC	822350654951

**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
Voltage - Maximum	500V DC



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto: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

**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
Sales Drawing	SD-31197-003

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