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Part Number: 0311000040
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](#) [Application Specification AS-31067-100-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-31300-707 \(PDF\)](#)
[Product Specification PS-31100-0001-001 \(PDF\)](#) [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 5.0A, 7.0A
Voltage - Maximum 500V DC



Series image - Reference only

EU ELV
Compliant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Compliant
RoHS Phthalates Not Contained

Search Parts in this Series
[31100 Series](#)

Mates With
H-DAC 64™, 4 Way Receptacle Assembly

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-31067-100-001
Packaging Specification	PK-31300-707
Product Specification	PS-31100-0001-001
Sales Drawing	SD-31197-003

This document was generated on 11/16/2016

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