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Part Number:

0307005207

Status:

Active

Overview:

H-DAC 64™ Dual-Row High Density Automotive Connectors

Description:

2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Right-Angle, 20 Circuits, Polarization Option 1, Gray, Tray

Documents:

3D Model

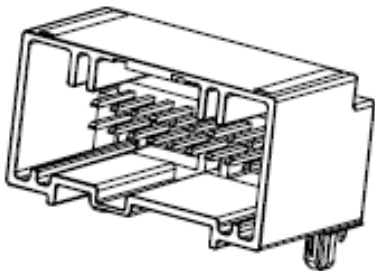
Drawing (PDF)

Product Specification PS-30700-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| General                        |                                                       |
| Product Family                 | PCB Headers                                           |
| Series                         | 30700                                                 |
| Application                    | Power, Wire-to-Board                                  |
| Comments                       | Polarization Option 1                                 |
| Overview                       | H-DAC 64™ Dual-Row High Density Automotive Connectors |
| Product Name                   | H-DAC 64                                              |
| UPC                            | 822348101696                                          |
| Physical                       |                                                       |
| Breakaway                      | No                                                    |
| Circuits (Loaded)              | 20                                                    |
| Circuits (maximum)             | 20                                                    |
| Color - Resin                  | Gray                                                  |
| Durability (mating cycles max) | 10                                                    |
| First Mate / Last Break        | No                                                    |
| Glow-Wire Capable              | No                                                    |
| Guide to Mating Part           | No                                                    |
| Keying to Mating Part          | None                                                  |
| Lock to Mating Part            | Yes                                                   |
| Material - Metal               | Copper                                                |
| Material - Plating Mating      | Tin                                                   |
| Material - Plating Termination | Nickel                                                |
| Material - Resin               | Modified Polystyrene                                  |
| Net Weight                     | 7.128/g                                               |
| Number of Rows                 | 2                                                     |
| Orientation                    | Right Angle                                           |
| PC Tail Length                 | 3.69mm                                                |
| PCB Locator                    | Yes                                                   |
| PCB Retention                  | Yes                                                   |
| PCB Thickness - Recommended    | 1.57mm                                                |
| Packaging Type                 | Tray                                                  |
| Pitch - Mating Interface       | 2.54mm                                                |
| Polarized to Mating Part       | Yes                                                   |
| Polarized to PCB               | Yes                                                   |
| Shrouded                       | Fully                                                 |
| Stackable                      | No                                                    |
| Surface Mount Compatible (SMC) | No                                                    |
| Temperature Range - Operating  | -40° to +100°C                                        |
| Termination Interface: Style   | Through Hole                                          |
| Electrical                     |                                                       |
| Current - Maximum per Contact  | 7.0A                                                  |
| Voltage - Maximum              | 500V DC                                               |

Solder Process Data



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Not Relevant

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any non-product compliance questions.

China RoHS

Not Relevant

ELV

Compliant

Prop65

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

30700 Series

Mates With

H-DAC 64 Housing 30700-1207

|                                                |          |
|------------------------------------------------|----------|
| 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**

|                       |                   |
|-----------------------|-------------------|
| Product Specification | PS-30700-0001-001 |
| Sales Drawing         | SD-30700-520      |

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