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**Part Number:** [30700-4200](#)  
**Status:** **Active**  
**Overview:** H-DAC 64™ Dual-Row High Density Automotive Connectors  
**Description:** 2.54mmPitch, H-DAC 64™ High Density Automotive Header, Dual Row, Vertical, 20 Circuits, Polarization Option 1, Gray

**Documents:**

[3D Model](#) [Product Specification PS-30700-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">30700</a>   |
| Application    | Board-to-Board, Power   |
| Comments       | Polarization Option 1   |
| Overview       | <a href="#">H-DAC 64™ Dual-Row High Density Automotive Connectors</a> |
| Product Name   | H-DAC 64™   |

**Physical**

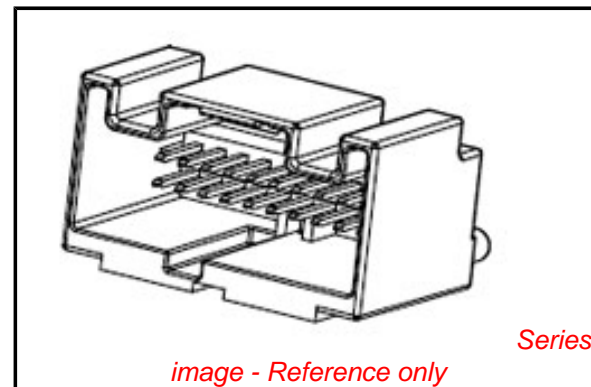
|                                |                      |
|--------------------------------|----------------------|
| Breakaway                      | No                   |
| Circuits (Loaded)              | 20                   |
| Circuits (maximum)             | 20                   |
| Color - Resin                  | Gray                 |
| 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               | Copper               |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Nickel               |
| Material - Resin               | Modified Polystyrene |
| Number of Rows                 | 2                    |
| Orientation                    | Vertical             |
| 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°C to +100°C      |
| Termination Interface: Style   | Through Hole         |

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 7A      |
| Voltage - Maximum             | 500V DC |

**Solder Process Data**

|  |    |
|--|----|
| Duration at Max. Process Temperature (seconds) | 40 |
|--|----|



**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**

[30700Series](#)

**Mates With**

[30700 H-DAC 64™ High Density Crimp Housing](#)

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

|                       |                               |
|-----------------------|-------------------------------|
| Product Specification | PS-30700-0001, RPS-30700-002  |
| Sales Drawing         | 2L1T-14A624-AA1, SD-30700-420 |

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