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**Part Number:** **0532580729**  
**Status:** **Active**  
**Description:** 3.50mm Pitch Header, Vertical, 7 Circuits, Brass (CuZn) Contact

**Documents:**

[3D Model](#) [Packaging Specification SPK-53258-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51067-019-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
Series [53258](#)  
Application Power, Wire-to-Board  
Product Name N/A  
UPC 822348254064

**Physical**

Breakaway No  
Circuits (Loaded) 7  
Circuits (maximum) 7  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part Yes  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 1686.700/mg  
Number of Rows 1  
Orientation Vertical  
PC Tail Length 3.50mm  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 1.60mm  
Packaging Type Tray  
Pitch - Mating Interface 3.50mm  
Plating min - Mating 1.016µm  
Plating min - Termination 1.016µm  
Polarized to PCB No  
Shrouded Fully  
Stackable No  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole

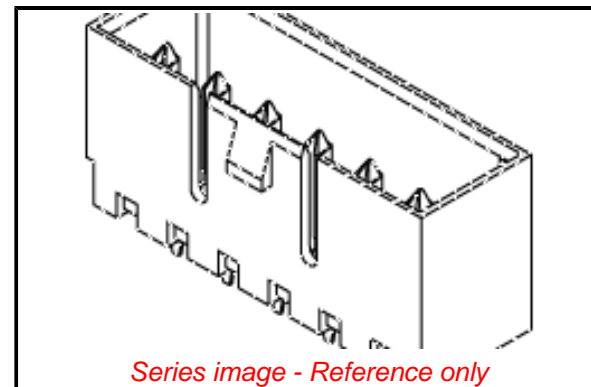
**Electrical**

Current - Maximum per Contact 5.5A  
Voltage - Maximum 250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-53258-001-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[53258](#) Series

**Mates With**

[51067](#) Wire-to-Wire and Wire-to-Board  
Housing

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