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**Part Number:** [53728-0419](#)  
**Status:** **Active**  
**Description:** 6.50mm Header, Vertical, with Peg, Lead-Free, 4 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-53728-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-53728-009 (PDF)</a>
<a href="#">Product Specification PS-51142-003 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
TUV	R72081037
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">53728</a>
Application	Power, Wire-to-Board
Product Name	N/A
UPC	822348188420

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	2913.500/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.80mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	6.50mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	9A
Voltage - Maximum	600V

**Material Info**

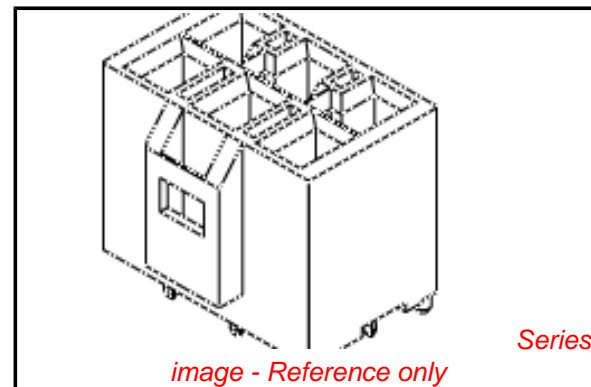


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



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

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**

[53728Series](#)

**Mates With**

[51142 Wire-to-Board Receptacle Housing](#)

## Reference - Drawing Numbers

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

AS-53728-001  
SPK-53728-009  
PS-51142-003, RPS-51142-007, RPS-51142-008  
SD-53728-008

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