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**Part Number:** [0532583004](#)  
**Status:** **Active**  
**Description:** 3.50mm Pitch Header, Vertical, 4 Circuits, Phosphor Bronze (CuSn) Contact

**Documents:**

[3D Model](#) [Packaging Specification SPK-53258-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51067-022 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	53258
Application	Signal, Wire-to-Board
Product Name	N/A
UPC	822348807185

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1165.900/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

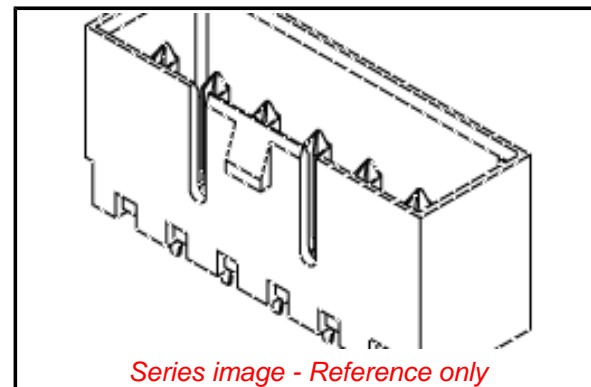
**Electrical**

Current - Maximum per Contact	4.5A
Voltage - Maximum	250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-53258-001
Product Specification	PS-51067-022, RPS-51067-027, RPS-51067-034, RPS-51067-036



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[53258](#) Series

**Mates With**

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

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