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Part Number: [0532531070](#)

Status: **Active**

Overview:

Description: 2.00mm (.079") Pitch Micro-Latch™ Wire-to-Board Header, Vertical, Square Pin, Three-sided Shroud, Lead-free, 10 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-51065-016 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

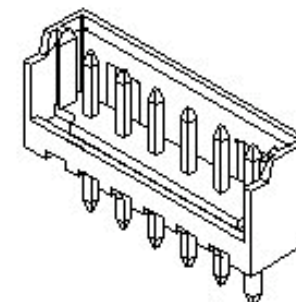
Product Family	PCB Headers
Series	53253
Application	Wire-to-Board
Overview	Micro-Latch™
Product Name	Micro-Latch™

Physical

Breakaway	No
Circuits (Loaded)	10
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1.00
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	2A
UL	E29179
Voltage - Maximum	125V



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Halogen-Free**

Status

Not Halogen-Free

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

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China RoHS



Search Parts in this Series

[53253 Series](#)

Mates With

[51065 Crimp Housing](#). [50212 Crimp Terminal](#)

Material Info

Reference - Drawing Numbers

Product Specification	PS-51065-016
Product Specification	RPS-51065-001
Product Specification	RPS-51065-006
Product Specification	RPS-51065-007
Product Specification	RPS-51065-013
Product Specification	RPS-51065-015
Product Specification	RPS-51065-023
Product Specification	RPS-51065-026
Product Specification	RPS-51065-027
Product Specification	RPS-51065-028
Product Specification	RPS-51065-030
Sales Drawing	SD-51065-006
Sales Drawing	SD-53253-001

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