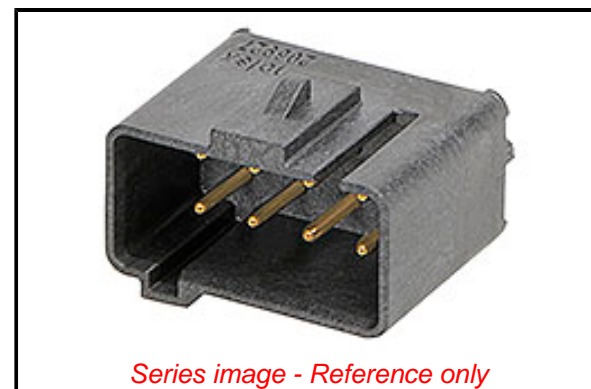


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2059271110](#)  
**Status:** **Active**  
**Overview:** [MultiCat Power Connectors with Precision-Machined Contacts](#)  
**Description:** MultiCat Mid-Power Vertical Header, 8 Circuits, PC Tail Length 2.90mm, Key A, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2059271070-PK-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 2059250000-TS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2059250000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 2059250000-AS-000 (PDF)</a>	



Series image - Reference only

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">205927</a>
Application	Power, Wire-to-Board
Overview	<a href="#">MultiCat Power Connectors with Precision-Machined Contacts</a>
Product Name	MultiCat
UPC	191130978304

**Physical**

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	500
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	2.229/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.90mm
Packaging Type	Tray
Pitch - Mating Interface	3.60mm
Plating min - Mating	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Temperature Range - Operating	-40° to +150°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	6.5A
Voltage - Maximum	500V AC/DC

**Material Info**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[205927](#) Series

**Mates With**

MultiCat Receptacle Housing [205926](#)

**Reference - Drawing Numbers**

Application Specification	2059250000-AS-000
Packaging Specification	2059271070-PK-000
Product Specification	2059250000-PS-000
Sales Drawing	2059271070-SD-000
Test Summary	2059250000-TS-000

This document was generated on 07/15/2020

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