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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:

3D Model	Packaging Specification 2059271070-PK-000 (PDF)
Drawing (PDF)	Test Summary 2059250000-TS-000 (PDF)
Product Specification 2059250000-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2059250000-AS-000 (PDF)	

Agency Certification

UL E29179

General

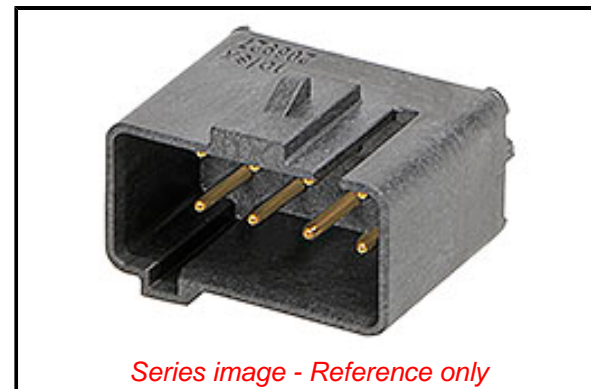
Product Family	PCB Headers
Series	205927
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	6.5
Datasheet Order No	987652-0101
Overview	MultiCat Power Connectors with Precision-Machined Contacts
PITCH-MATING-NUMERIC	3.60
Product Name	MultiCat
UPC	191130978304

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 over Nickel
Material - Plating Termination	Gold over Nickel
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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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](#)

Voltage - Maximum

500V AC/DC

Material Info

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

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