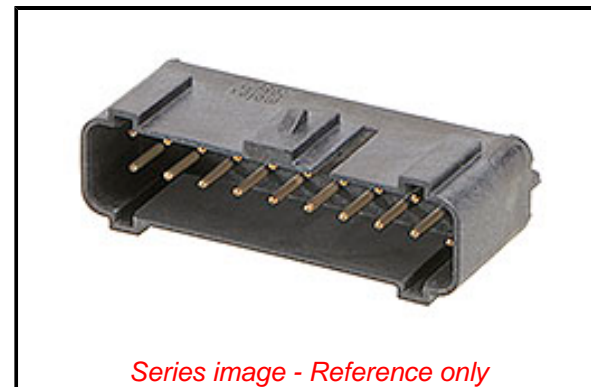


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Part Number: [2059271170](#)
Status: **Active**
Overview: [MultiCat Power Connectors with Precision-Machined Contacts](#)
Description: [MultiCat Mid-Power Vertical Header, 20 Circuits, PC Tail Length 2.90mm, Key A, Black](#)

Documents:

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



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	205927
Application	Power, Wire-to-Board
Overview	MultiCat Power Connectors with Precision-Machined Contacts
Product Name	MultiCat
UPC	191130978274

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	4.195/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	4.5A
Voltage - Maximum	500V AC/DC

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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](#)

Engineering Number	2059271170-FCT
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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[M40B](#) [NLS-N-W-C240-M40B](#) [NPS-3-BL-T6](#) [1986615-1](#) [2-1589900-8](#) [2199314-1](#) [KA8102](#) [9300480317](#) [SBS50BRN#6](#) [29131](#)