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Part Number: [2077601271](#)
Status: **Active**
Overview: Micro-Lock Plus Wire-to-Board Connector System
Description: 1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Dual Row, Vertical, Surface Mount, Tin-Bismuth Plating, 12 Circuits, Tape and Reel, Black

Documents:

3D Model	Application Specification AS-505432-001-001 (PDF)
Drawing (PDF)	Packaging Specification 2077609200-SPK-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2045230001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2045231001-PS-000 (PDF)	

Agency Certification

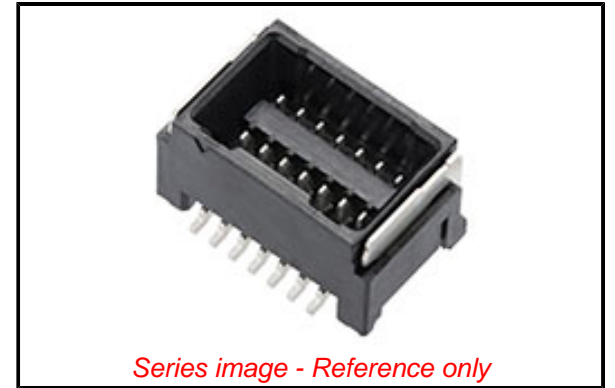
UL E29179

General

Product Family	PCB Headers
Series	207760
Application	Signal, Wire-to-Board
Overview	Micro-Lock Plus Wire-to-Board Connector System
Product Name	Micro-Lock Plus
UPC	193264084968

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-1
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Polyamide
Net Weight	981.420/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Plating min - Mating	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount



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

[207760](#) Series

Mates With

[Micro-Lock Plus Receptacle Housing](#)
[204523](#)

Electrical

Current - Maximum per Contact
Voltage - Maximum

2.0A
50V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Application Specification
Packaging Specification
Product Specification
Sales Drawing

AS-505432-001-001
2077609200-SPK-200
2045230001-PS-000, 2045231001-PS-000
2077600000-SD-000

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