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Part Number: 5054481271
Status: Active
Overview: Micro-Lock Plus Wire-to-Board Connector System
Description: Micro-Lock™ PLUS Right Angle Header, 1.25mm Pitch, Dual Row, Tin-Bismuth Plating, 12 Circuits, Black



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification 5054320000-002 (PDF)
Packaging Specification 5054489200-200 (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (PDF)

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	505448
Application	Signal, Wire-to-Board
Overview	Micro-Lock Plus Wire-to-Board Connector System
Product Literature Order No	987651-4888
Product Name	Micro-Lock™ PLUS
UPC	889056765084

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	Yes
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	1246.750/mg
Number of Rows	2
Orientation	Right Angle
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
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per -ED/01/2017 (12 January 2017)

Halogen-Free Status
Not Low-Halogen

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
505448 Series

Mates With
Micro-Lock™ PLUS Receptacle Housing 505432

Material Info

Reference - Drawing Numbers

Packaging Specification	5054489200-200
Product Specification	5054320000-002
Sales Drawing	5054480000-000, 5054480001-000

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