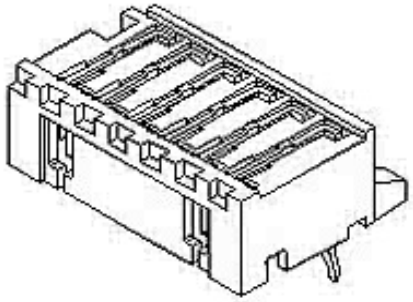
Part Number : 530250510
Product Description : 2.00mm Pitch MicroBlade Wire-to-Board Header, Bottom Entry, 5 Circuits
Series Number : 53025
Status : Obsolete
Product Category : PCB Headers and Receptacles



Obsolete

Documents and Resources

Specifications

PS-51004-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	PCB Headers and Receptacles
Series	53025
Description	2.00mm Pitch MicroBlade Wire-to-Board Header, Bottom Entry, 5 Circuits
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	MicroBlade
UPC	800753566125

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes

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Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.600/g
Number of Rows	1
Orientation	Bottom Entry
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.50mm
Pitch - Mating Interface	2.00mm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20° to +85°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	25
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

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Mates With / Use With

Mates with Part(s)

Description	Part Number
2.00mm Pitch MicroBlade Wire-to-Wire Crimp Terminals	50011
MicroBlade Single Row Receptacle Housings	51004