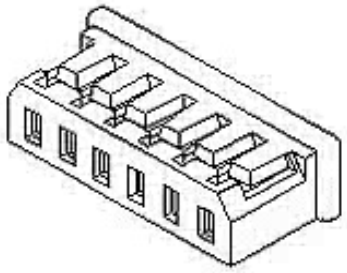
Part Number : 510040800
Product Description : 2.00mm Pitch MicroBlade Wire-to-Board Housing, Friction Lock, 5.80mm Height, 8 Circuits
Series Number : 51004
Status : Not Recommended For New Design
Product Category : Connector Housings



Documents and Resources

Specifications

PS-51004-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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	Not Recommended For New Design
Category	Connector Housings
Series	51004
Description	2.00mm Pitch MicroBlade Wire-to-Board Housing, Friction Lock, 5.80mm Height, 8 Circuits
Application	Signal, Wire-to-Board
Comments	Replacement part is not a drop in replacement. All of related parts, crimp terminal/50011, housing/51004 and header/53014 & 53015 need to be replaced to Micro-Latch series (50212 / terminal, 51065/housing, 53253/ ST hdr and 53254/RA hdr).
Product Name	MicroBlade
UPC	800753575981

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	8
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	218.300/mg

Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Stackable	No
Temperature Range - Operating	-20° to +85°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
MicroBlade Vertical Headers	53014
MicroBlade Right-Angle Headers	53015
MicroBlade Bottom Entry Headers	53025

Use with Part(s)

Description	Part Number
2.00mm Pitch MicroBlade Wire-to-Wire Crimp Terminals	50011