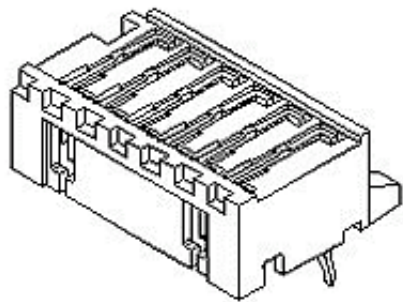





**Part Number :** [530250510](#)  
**Product Description :** 2.00mm Pitch  
MicroBlade Wire-to-Board Header, Bottom  
Entry, 5 Circuits  
**Series Number :** 53025  
**Status :** Obsolete  
**Product Category :** PCB Headers and  
Receptacles



## Documents & Resources

### Product Environment Compliance

#### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

#### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

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

#### EU RoHS Certificate of Compliance

### 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
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
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
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