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**Part Number:** **0530250810**  
**Status:** **Active**  
**Description:** 2.00mm Pitch MicroBlade Wire-to-Board Header, Bottom Entry, 8 Circuits

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51004-002-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [53025](#)  
 Application Signal, Wire-to-Board  
 CURRENT-MAX-NUMERIC 2.0  
 PITCH-MATING-NUMERIC 2.00  
 Product Name MicroBlade  
 UPC 800753566132

**Physical**

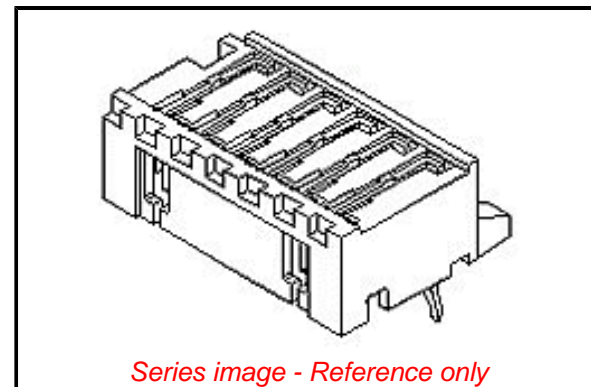
Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 1353.600/mg  
 Number of Rows 1  
 Orientation Bottom Entry  
 PC Tail Length 3.50mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.00mm  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -20° to +85°C  
 Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 025



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[53025](#) Series

**Mates With**

[51004](#) Crimp Housing, [50011](#) Crimp Terminal

Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51004-002-001
Sales Drawing	SD-53025-XX10

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