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**Part Number:** **0533145065**  
**Status:** **Active**  
**Description:** 2.00mm Pitch Mi II System Wire-to-Board Header, Dual Row, Vertical, with Eject Levers, 50 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51160-006-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51089-005-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

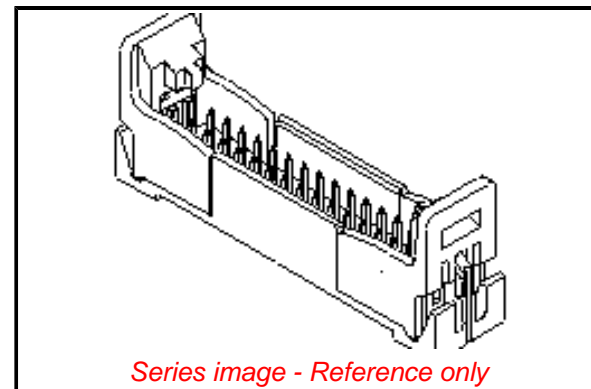
Product Family PCB Headers  
 Series 53314  
 Application Signal, Wire-to-Board  
 Product Name Mi II  
 UPC 756054797235

**Physical**

Breakaway No  
 Circuits (Loaded) 50  
 Circuits (maximum) 50  
 Color - Resin Gray  
 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 Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon, Polyester  
 Net Weight 4791.200/mg  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 3.50mm  
 PCB Locator Yes  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.00mm  
 Plating min - Mating 1.016µm  
 Plating min - Termination 1.016µm  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 2.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

53314 Series

**Mates With**

52478 Wire-to-Board IDT Receptacle, 51089  
 Crimp Terminal

Voltage - Maximum

125V

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-51089-005-001, PS-51160-006-001

Sales Drawing

SD-53314-\*\*15, SD-53314-001

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