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**Part Number:** [1040860410](#)  
**Status:** **Active**  
**Overview:** [IllumiMate™ Connector System](#)  
**Description:** [IllumiMate™ 1.25mm Pitch Wire-to-Board Header, Single Row, 4 Circuits](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-104086-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-104086-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [104086](#)  
 Application Signal, Wire-to-Board  
 Overview [IllumiMate™ Connector System](#)  
 Product Name IllumiMate™  
 UPC 884982467941

**Physical**

Breakaway No  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Nickel, Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.123/g  
 Number of Rows 1  
 Orientation Right Angle  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 1.25mm  
 Temperature Range - Operating -25°C to +130°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1.0A  
 Voltage - Maximum 200V

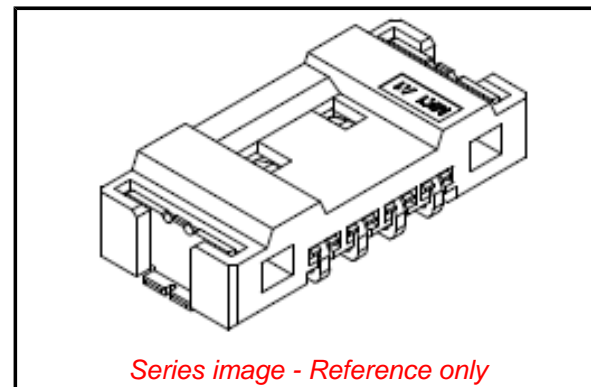
**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
 Lead-free Process Capability REFLOW  
 Max. Cycles at Max. Process Temperature 003  
 Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-104086-001  
 Product Specification PS-104086-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**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

**Search Parts in this Series**

[104086 Series](#)

**Mates With**

[104085-0400](#) , [104085-0410](#) , [101085-0420](#)  
 IllumiMate™ 1.25mm Pitch Wire-to-Board Crimp Housing

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