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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-104086-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-104086-001-001 \(PDF\)](#)

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

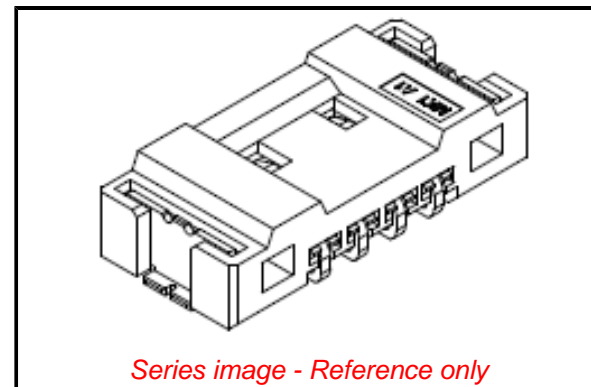
Solder Process Data

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-104086-001-001
 Product Specification PS-104086-001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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

[104086 Series](#)

Mates With

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

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