

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1040912020

Status:

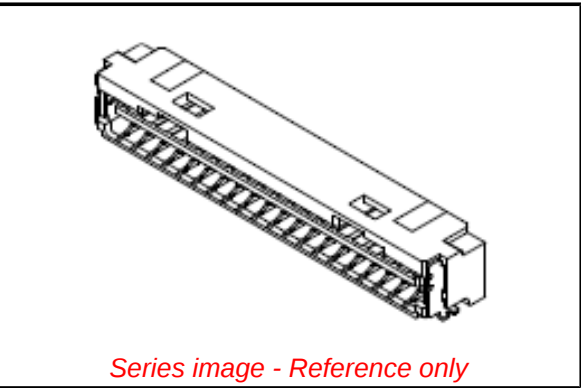
Active

Overview:

IllumiMate™ Connector System

Description:

IllumiMate™ 1.25mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Right Angle, 20 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-104091-001 (PDF)

Packaging Specification PK-104091-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	<u>104091</u>
Application	Signal, Wire-to-Board
Overview	<u>IllumiMate™ Connector System</u>
Product Name	IllumiMate™
UPC	884982407053
Physical	
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Copper
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.648/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-25°C to +130°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	200V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-104091-001

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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

104091 Series

Mates With

104092-2000 , [Link:104092-2010](#)

This document was generated on 07/01/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION