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**Part Number:** [1040780610](#)  
**Status:** **Active**  
**Overview:** [IllumiMate Connector System](#)  
**Description:** IllumiMate 1.25mm Pitch Wire-to-Board Header, Single Row, 6 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-104078-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-104078-001-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">104078</a>
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Overview	<a href="#">IllumiMate Connector System</a>
PITCH-MATING-NUMERIC	1.25
Product Name	IllumiMate
UPC	884982467965

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	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	High Temperature Thermoplastic
Net Weight	0.147/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Temperature Range - Operating	-25° to +130°C
Termination Interface: Style	Surface Mount

**Electrical**

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

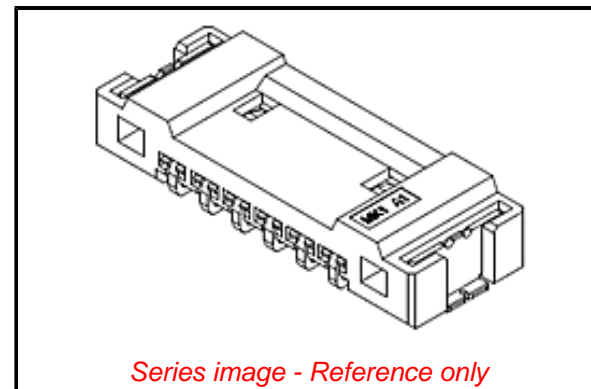
**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-104078-001-001
Product Specification	PS-104078-001-001
Sales Drawing	SD-104078-001, SD-104078-002-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[104078 Series](#)

**Mates With**

[1040770600](#) , [1040770610](#) IllumiMate  
1.25mm Pitch Wire-to-Board Crimp Housing

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