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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 \(PDF\)](#)

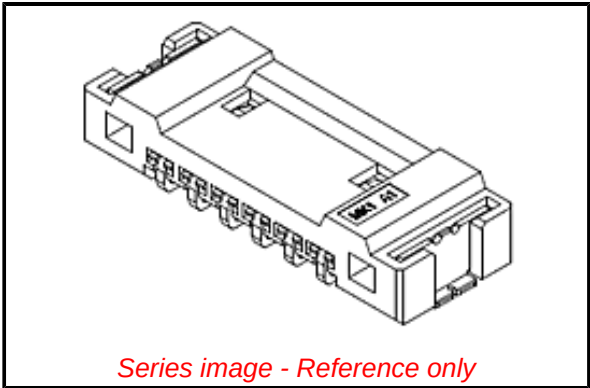
General	
Product Family	PCB Headers
Series	104078
Application	Signal, Wire-to-Board
Overview	IllumiMate Connector System
Product Name	IllumiMate
UPC	884982467965
Physical	
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	No
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°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-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



EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per -ED/01/2018 (15 January 2018) 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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[104078](#) Series

Mates With
[104077-0600](#) , [104077-0610](#) IllumiMate
1.25mm Pitch Wire-to-Board Crimp Housing

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