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Part Number:

1045216001

Status:

Active

Overview:

[IllumiMate Connector System](#)

Description:

IllumiMate 1.25mm Wire-to-Board Connector, Receptacle Terminal, Pre-plated, Tin (Sn)

Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-104091-001-001 \(PDF\)](#)

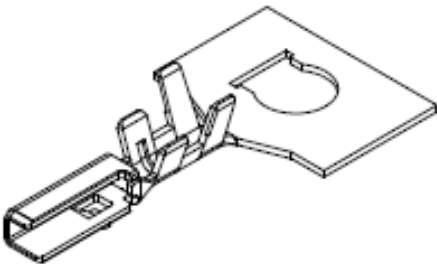
[Packaging Specification PK-104521-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	104521
Application	Signal
Crimp Quality Equipment	Yes
Overview	IllumiMate Connector System
Product Name	IllumiMate
UPC	884982508835
Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.028/g
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.95mm max.
Wire Size AWG	26, 32
Wire Size mm²	N/A
Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers	
Crimp Specification	CS-104521-001-001
Packaging Specification	PK-104521-001-001
Product Specification	PS-104091-001-001
Sales Drawing	SD-104521-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 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

[104521](#) Series

Use With

IllumiMate Housings [104092](#) , [104105](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Hand Crimp Tool for IllumiMate 1.25mm Wire-to-Board Crimp Terminals	0638272300

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[104521-6001](#) [104521-6001 \(Mouser Reel\)](#) [104521-6001 \(Cut Strip\)](#) [104521-6001 \(Loose Piece\)](#)