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Part Number: [0008300109](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK Crimp Terminal, Series 1799, Female, with Tin (Sn) Plated Brass Contact, 18-24 AWG, Chain on Reel

Documents:

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

General

Product Family	Crimp Terminals
Series	1799
Application	Power
Crimp Quality Equipment	Yes
Overview	KK® Interconnect System - Molex
Product Name	KK
UPC	800754233170

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.286/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.52-3.05mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	250V AC/DC

Solder Process Data

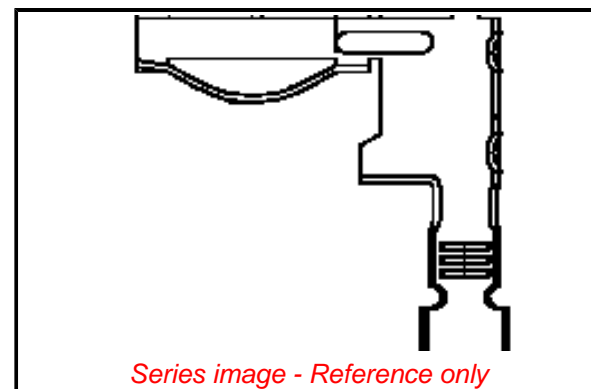
Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	1799-MAT
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Reference - Drawing Numbers

Sales Drawing	SD-1799-MA-001
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

[1799 Series](#)

Mates With

[2139 Crimp Housing](#)

Use With

[41696 Crimp Housings](#)

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 #
Extraction Tool	11030003
Mini-Mac Applicator	11182130

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[08-30-0109](#)