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Part Number: [44812-0015](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: 2.54mm Pitch KK® PC Board Receptacle, Top and Bottom Entry, Low Profile, 5.00µm Tin (Sn), 15 Circuits

Documents:

[3D Model](#) [Product Specification PS-44812-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [44812](#)
Application Board-to-Board, Power
Overview [KK® Interconnection System](#)
Product Name KK®
UPC 756054462577

Physical

Circuits (Loaded) 15
Circuits (maximum) 15
Color - Resin Black
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 1.935/g
Number of Rows 1
Orientation Vertical
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Tube
Pitch - Mating Interface 2.54mm
Plating min - Mating 5.080µm
Plating min - Termination 5.080µm
Polarized to PCB No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating See Product Specification
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 250

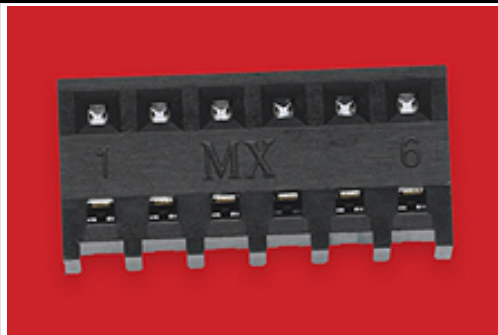


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Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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environmental compliance?**

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Compliance, [click here](#)

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non-product compliance questions.

Search Parts in this Series

[44812Series](#)

Mates With

[42153](#) , [4094](#) , [42376](#) , [42375](#) , [42377](#) ,
[42152](#) , [4030](#)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

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PS-44812-001
SD-44812-001

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