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Part Number: [87713-1006](#)
Status: **Active**
Overview: [Serial ATA Host Receptacles](#)
Description: 1.27mm Pitch Serial ATA Host Receptacle, Surface Mount, Vertical, Standard Height, with 1.05mm Plastic Locating Peg, 0.76µm Gold (Au) Selective Plating, with Kapton Tape, Tape on Reel Packaging, 22 Circuits, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-87713-016 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [87713](#)
Application Board-to-Board, Signal
Comments 1.05mm Plastic Locating Peg
Overview [Serial ATA Host Receptacles](#)
Product Name Serial ATA
UPC 883906317690

Physical

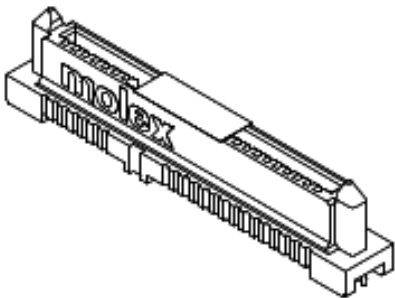
(p)ower-(s)ignal Configuration 15p - 7s
Circuits (Loaded) 22
Circuits (maximum) 22
Durability (mating cycles max) 500
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 1.486/g
Number of Rows 1
Orientation Vertical
PCB Locator Yes
PCB Retention None
Packaging Type Tray
Pitch - Mating Interface 1.27mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1.5A
Voltage - Maximum 30V

Solder Process Data

Duration at Max. Process Temperature (seconds) 10



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



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environmental compliance?**

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Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[87713Series](#)

Mates With

[87679](#) , [87799](#) , [87703](#)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

Reflow Capable (SMT only)
1
260

Material Info

Reference - Drawing Numbers

Electrical Model Document

EE-78178-001, EE-78286-001, EE-78328-001,
EE-78328-002, EE-87703-003

Product Specification

PS-87713-016

Sales Drawing

SD-87713-029

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