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Part Number:

105125-1000

Status:

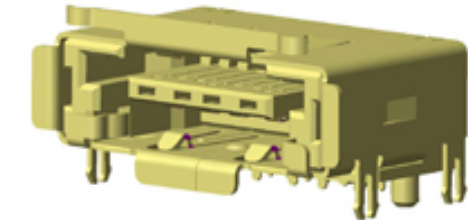
Active

Overview:

Combo External Serial ATA and USB Receptacles

Description:

Combo External Serial ATA and USB Receptacles, Right Angle, Full Through Hole, Top-mount, On-board Type, Lead-Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-47403-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	105125
Application	Wire-to-Board
Comments	Front and hind forklocks . Top Mount, on-board Type. Durability: 1,500 cycles for USB; 2,500 cycles for eSATA
Component Type	Receptacle
Overview	Combo External Serial ATA and USB Receptacles
Product Name	eSATA/USB Combo, External Serial ATA, USB
Type	N/A
UPC	884982166813

Physical

Circuits (Loaded)	4, 7
Circuits Detail	eSATA: 7 circuits; USB: 4 circuits
Color - Resin	Black
Durability (mating cycles max)	1,500
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.213/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	1.27mm, 2.00mm, 2.50mm
Pitch - Termination Interface	1.27mm, 2.00mm, 2.50mm
Plating min - Mating	0.051µm
Plating min - Termination	2.032µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.5A
Grounding to Panel	Yes

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

105125Series

Mates With

External Serial ATA Cable Assembly or USB Type A Cable Assembly

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	15V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255

Material Info

Reference - Drawing Numbers

Product Specification	PS-47403-001
Sales Drawing	SD-105125-100

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