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Part Number: [0887505410](#)
Status: **Active**
Overview: Serial ATA Connectors and Cable Assemblies
Description: 1.27mm Pitch Serial ATA Straight-to-Straight Signal Cable Assembly, 1.0m Length, Gray, Lead-Free

Documents:

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

General

Product Family	Cable Assemblies
Series	68583
Application	Signal
Assembly Configuration	Dual Ended Connectors
Comments	Generation 2 (300MB/s)
Connector to Connector	Serial ATA-to-Serial ATA
Overview	Serial ATA Connectors and Cable Assemblies
Product Name	Serial ATA
UPC	756054445235

Physical

Cable Length	1.0m
Circuits (Loaded)	7
Color - Resin	Black, Natural
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Resin	Low Density Polyethylene, Polyester
Net Weight	31.300/g
Packaging Type	Bag
Pitch - Mating Interface	1.27mm
Single Ended	No
Termination Interface: Style	Surface Mount
Wire Insulation Diameter	N/A
Wire Size AWG	26
Wire/Cable Type	PVC

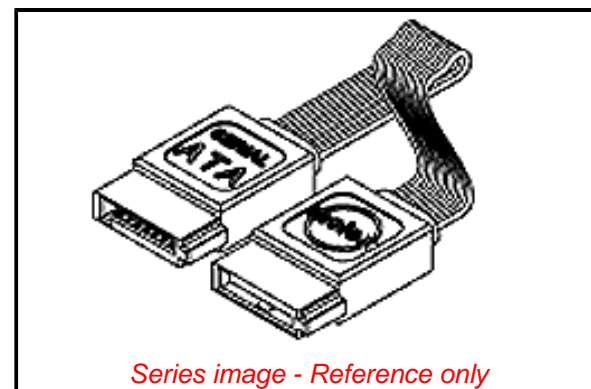
Electrical

Current - Maximum per Contact	1.5A
Impedance	100Ω
Shielded	Yes
Voltage - Maximum	40V

Material Info

Reference - Drawing Numbers

Sales Drawing [SD-88750-5410](#), [SD-88755-003](#)



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/108/2014 (17 Dec
2014)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
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China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Reviewed

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[68583 Series](#)

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[P782-006-DH](#) [ACL-10568NF-2](#)