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Part Number:

0685610022

Status:

Active

Overview:

serial_ata_products

Description:

1.27mm (.050") Pitch Serial ATA Power Latching Harness-to-Pigtail, IDT, 1.50m (4.92') Length, Gold Flash, 3.3V+5V+12V, Leadfree

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Cable Assemblies

Series

68561

Connector to Connector

Serial ATA-to-Pigtail

Overview

serial_ata_products

Product Name

Serial ATA

Physical

Cable Length

1.50m (4.92')

Circuits (Loaded)

5

Gender

Female-Pigtail

Lock to Mating Part

Yes

Material - Metal

Stainless Steel

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Packaging Type

Bag

Pitch - Mating Interface (in)

0.050 In

Pitch - Mating Interface (mm)

1.27 mm

Plating min: Mating (µin)

2

Plating min: Mating (µm)

0.05

Plating min: Termination (µin)

75

Plating min: Termination (µm)

1.875

Single Ended

Yes

Termination Interface: Style

IDT or Pierce

Wire Insulation Diameter

N/A

Wire Size AWG

18

Wire/Cable Type

PVC

Electrical

Current - Maximum per Contact

1.5A

Impedance

100 ohms

Shielded

No

Voltage - Maximum

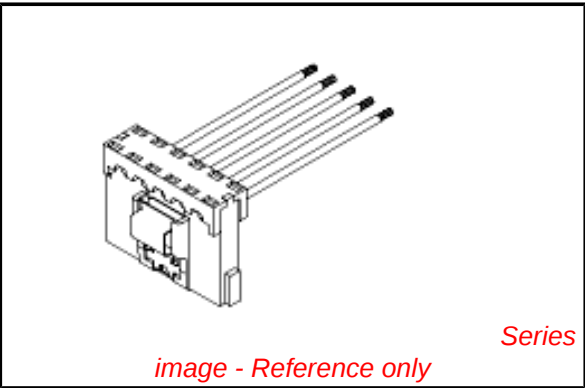
40V

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-68561-005



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

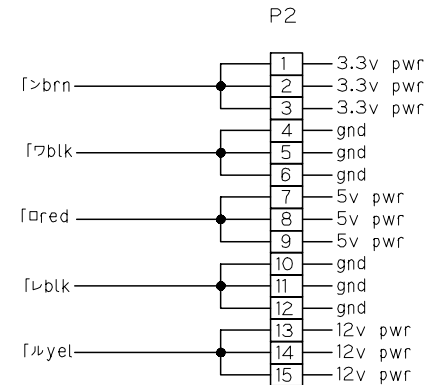
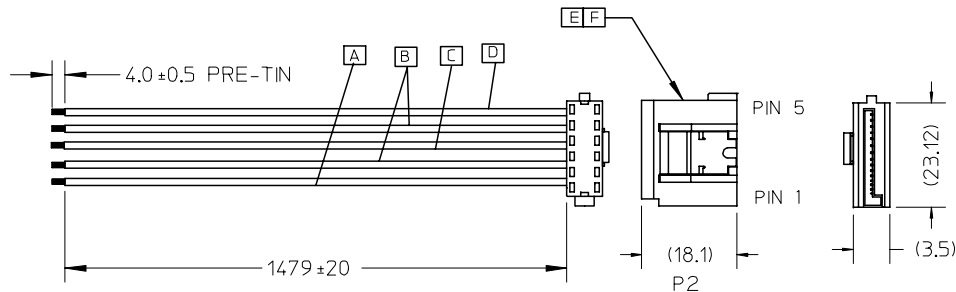
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

68561Series

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NOTE: 1. ELECTRIC PERFORMANCE:
DIELECTRONIC STRENGTH: 500 V DC.
INSULATION RESISTANCE :100 MOHS MIN.
CONDUCTIVE RESISTANCE :2 OHMS MAX.
2. S-ATA HOUSING:
PLOYESTER(PBT), UL94V-0(BLACK)

68561-0023	679260002	30u" Gold - plated terminal
68561-0022	679260001	Gold flash terminal
MATERIAL NO.	S-ATA CONN.	DESCRIPTION

F	COVER 679260040	1	
E	S-ATA CONN. : SEE TABLE	1	
D	UL1007 #18 BRN 887711305	1	1485
C	UL1007 #18 RED 887711301	1	1485
B	UL1007 #18 BLK 887711300	2	2970
A	UL1007 #18 YEL 887711303	1	1485
ITEM	DESCRIPTION	QTY	L(mm)

ENTER DESCRIPTION EC NO: DG2005-0009 DRWN:GXYANG CHKD: APPR:BOCHEN REV		QUALITY SYMBOLS =0 =0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
						mm	INCH	DRAWN BY GX YANG	DATE 04/08/10	TITLE S-ATA IDT POWER LATCHING TO PIGTAIL CABLE ASS'Y 1.5M (3.3V+5V+12V)				
				4 PLACES	± ---	± ---	CHECKED BY TEDDY	DATE 04/08/10						
				3 PLACES	± ---	± ---	APPROVED BY BORON	DATE 04/08/10	MOLEX MOLEX INCORPORATED					
				2 PLACES	± ---	± ---	MATERIAL NO. 685610022/3						DOCUMENT NO. SD-68561-005	
				1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				ANGULAR ± ---°										