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Part Number: [0685610021](#)
Status: **Active**
Overview: [serial_ata_products](#)
Description: 1.27mm (.050") Pitch Serial ATA Power Latching Harness-to-Pigtail, IDT, 1.50m (4.92')
Length, 0.76µm (30µ") Gold (Au), 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) 4
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) 30.4
Plating min: Mating (µm) 0.76
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-68561-004

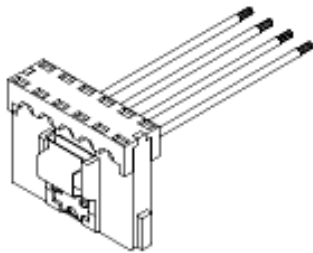


image - Reference only **Series**

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

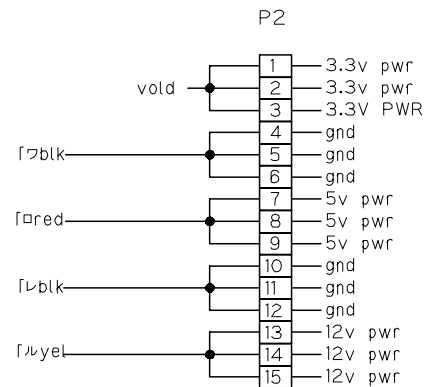
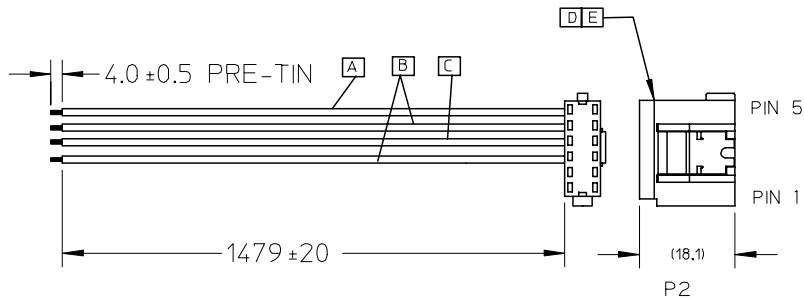
China RoHS



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 :100M OHMS MIN.
CONDUCTIVE RESISTANCE:2 OHMS MAX.
2.S-ATA HOUSING:
POLYESTER(PBT), UL94V-0(BLACK)

68561-0021	679260002	30u' Gold - plated terminal
68561-0020	679260001	Gold flash terminal
MATERIAL NO	S-ATA CONN.	DESCRIPTION

E	COVER 679260040	1	
D	S-ATA CONN. : SEE TABLE	1	
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		DESCRIPTION 2004/08/11 2004/08/18 2004/08/18		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
				=0				DRAWN BY GXYANG		DATE 04/08/10		TITLE S-ATA IDT POWER LATCHING TO PIGTAIL CABLE ASSEMBLY 1.5M (5V+12V) MOLEX MOLEX INCORPORATED					
				=0				CHECKED BY TEDDY		DATE 04/08/10							
								APPROVED BY BORON		DATE 04/08/10							
								MATERIAL NO. 685610020/1		DOCUMENT NO. SD-68561-004						SHEET NO. 1 OF 1	
								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					