

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0887614600

Status:

Active

Overview:

serial_ata_products

Description:

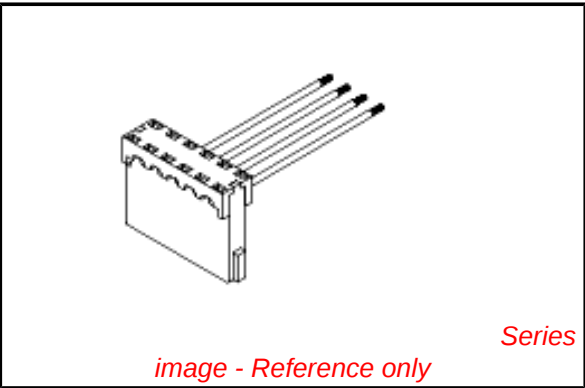
1.27mm (.050") Pitch Serial ATA Power Harness-to-Pigtail, IDT, 1.50m (4.92') Length, Gold Flash, 5V+12V, Leadfree

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Cable Assemblies
Series	88755
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
Color - Resin	Black
Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
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-88755-007



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

88755Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

6

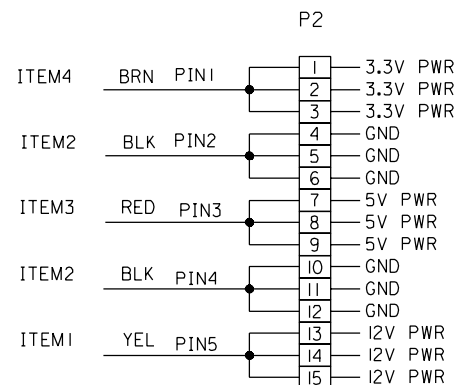
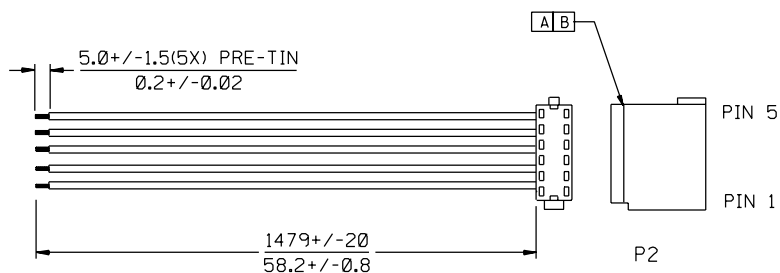
5

4

3

2

1



NOTE: I. ELECTRIC PERFORMANCE:

DIELECTRONIC STRENGTH: 500 V DC/0.01Sec.

INSULATION RESISTANCE: 100M OHMS Min.

CONDUCTIVE RESISTANCE: 2 OHMS Max.

887614710	679260012	30u" Gold-plated
887614700	679260011	Gold Flash
MATERIAL NO	S-ATA CONN.	DESCRIPTION

B	COVER 679260040	I	
A	S-ATA CONN.: SEE TABLE	I	
4	UL1007 #18 BRN 887711355	I	1485
3	UL1007 #18 RED 887711351	I	1485
2	UL1007 #18 BLK 887711350	2	2970
1	UL1007 #18 YEL 887711353	I	1485
ITEM	DESCRIPTION	QTY	L(mm)

EC NO. DRWN: Louis 04/03/11 CHK: APPR:	DESCRIPTION	QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE N.T.S	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION		☒ mm INCH	☐ INCH mm	☐ mm ONLY	REV	REV
		MAJOR ▼ = 0 CRITICAL ▽ = 0		mm	INCH	DRAWN BY & DATE Louis Chen 03/09/08		TITLE: S-ATA IDT POWER TO PIGTAIL CABLE, 1.5M, (3.3V+5V+12V)						
			4 PLACES	±0.	±.	CHECKED BY & DATE David Wang 03/09/08								
			3 PLACES	±0.	±.	APPROVED BY & DATE Ricky Leung 03/09/08		MOLEX INCORPORATED						
			2 PLACES	±0.	±.	CAD FILENAME J6147-XX .DGN		MATERIAL NO. 887-6147-XX	DRAWING NO. SD-88755-008		SHEET NO. 1 OF 1			
			1 PLACE	±0.	±.	ANGULAR: ± °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						
A	REV													SIZE A4