

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0887505318

Status:

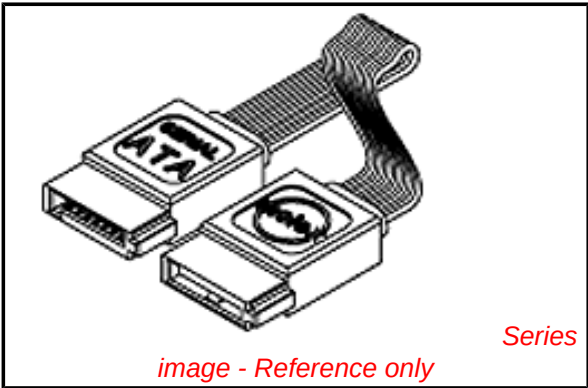
Active

Overview:

serial_ata_products

Description:

1.27mm (.050") Pitch Serial ATA Straight-to-Straight Signal Cable Assembly, 0.50m (1.64') Length, Red, Leadfree



Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Cable Assemblies
Series	88755
Comments	Generation 2 (300 MB/s)
Connector to Connector	Serial ATA-to-Serial ATA
Overview	serial_ata_products
Product Name	Serial ATA
Physical	
Cable Length	0.50m (1.64')
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
Packaging Type	Bag
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
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	100 ohms
Shielded	Yes
Voltage - Maximum	40V
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SD-88750-5318

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

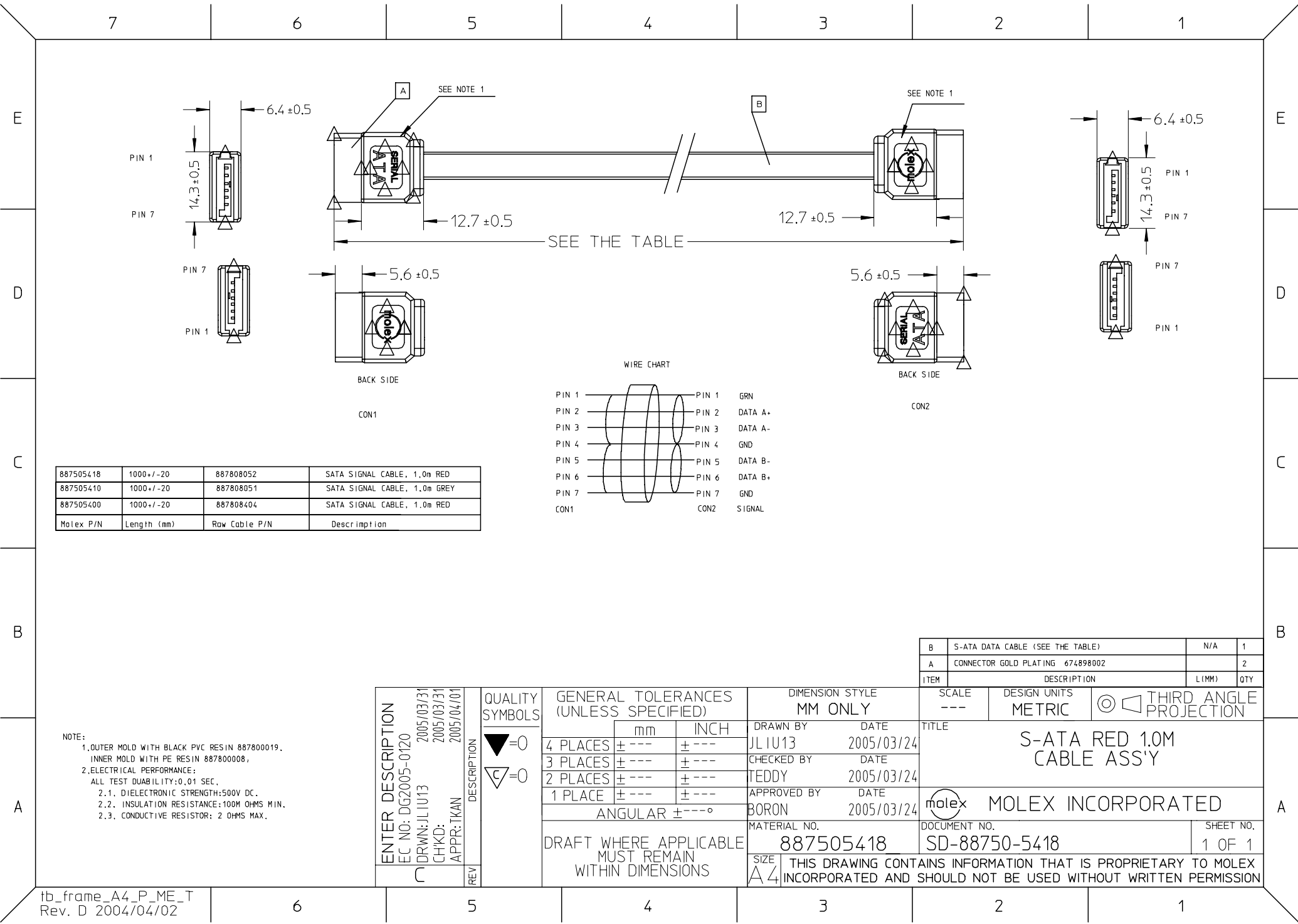
For a multiple part number RoHS Certificate of Compliance, [click here](#)

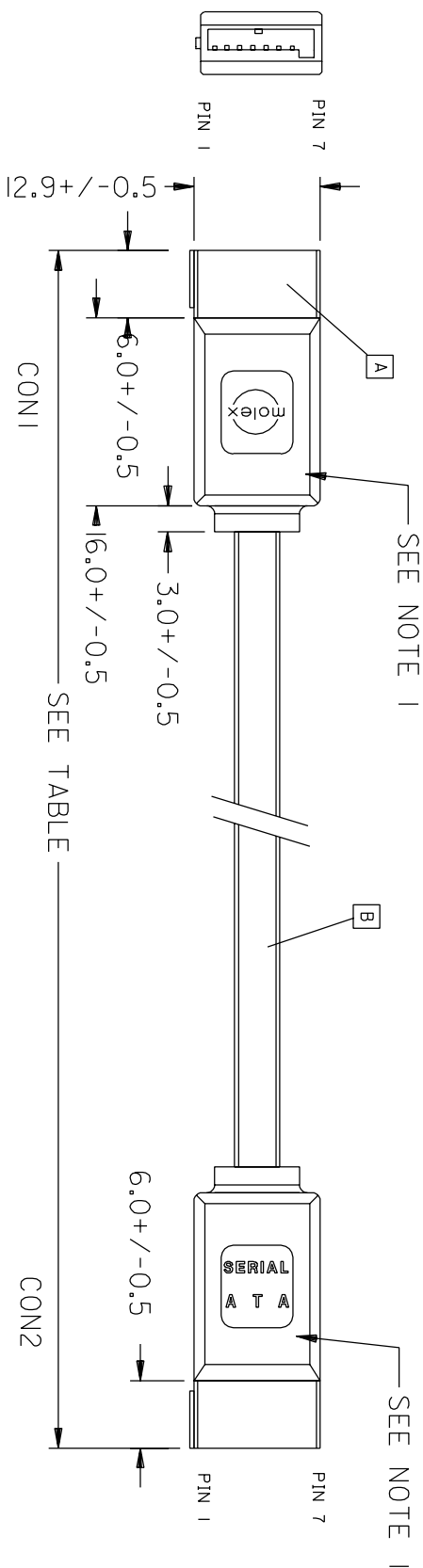
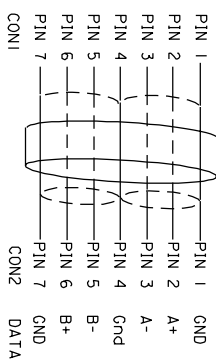
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

88755Series

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NOTE:

PHYSICAL

1. INNER MOLD WITH PE RESIN 887800008;

OUTER MOLD WITH BLACK PVC RESIN 887800019.

⚡ ELECTRICAL PERFORMANCE:

2. DIELECTRONIC STRENGTH:500V DC

3. INSULATION RESISTANCE: 100M OHMS

4. CONDUCTIVE RESISTOR: 2 OHMS

MAT. NO.	LENGTH(MM)	CABLE P/N	DESCRIPTION
887505418	1000+/-20	887808052	S-ATA SIGNAL CABLE, 1.0M RED;
887505318	500+/-10	887808052	S-ATA SIGNAL CABLE, 0.5M RED;

B	S-ATA SIGNAL CABLE RED 887808052	SEE TABLE
A	CONNECTOR 6753B0001	2
ITEM	DESCRIPTION	L QTY.

QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)				SCALE	DESIGN UNITS			THIRD ANGLE PROJECTION	☐ mm ☐ INCH ☐ MM ☐ ONLY	REVISE ON CAD ONLY
MAJOR =	CRITICAL =	mm		INCH		DRAWN BY & DATE BENTZ 03/01/08	☐ mm ☐ INCH					
		4 PLACES ±0.		±.				CHECKED BY & DATE Tony Wong 03/01/08				
		3 PLACES ±0.		±.								
		2 PLACES ±0.		±.								
1 PLACE ±0.		±.		APPROVED BY & DATE Tony Wong 03/01/08								
ANGULAR: ±		°		CAD FILENAME S88755AD.S001		MATERIAL NO. SEE TABLE		DRAWING NO. SD-88755-004		SHEET NO. 1 OF 1		
REV	DESCRIPTION											
A	EC NO. DRWN: BENTZ 03/01/08 CHK: APPR:											

