

WIRE CHART

PIN 1	GRN
PIN 2	DATA A+
PIN 3	DATA A-
PIN 4	GND
PIN 5	DATA B-
PIN 6	DATA B+
PIN 7	GND

887505310	500+/-10	887808051	SATA SIGNAL CABLE, 0.5m GREY
887505300	500+/-10	887808404	SATA SIGNAL CABLE, 0.5m RED
887505318	500+/-10	887808052	SATA SIGNAL CABLE, 0.5m RED
Molex P/N	Length (mm)	Raw Cable P/N	Description

B	S-ATA DATA CABLE (SEE THE TABLE)	N/A	1
A	CONNECTOR GOLD PLATING 674898002		2
ITEM	DESCRIPTION	L (MM)	QTY

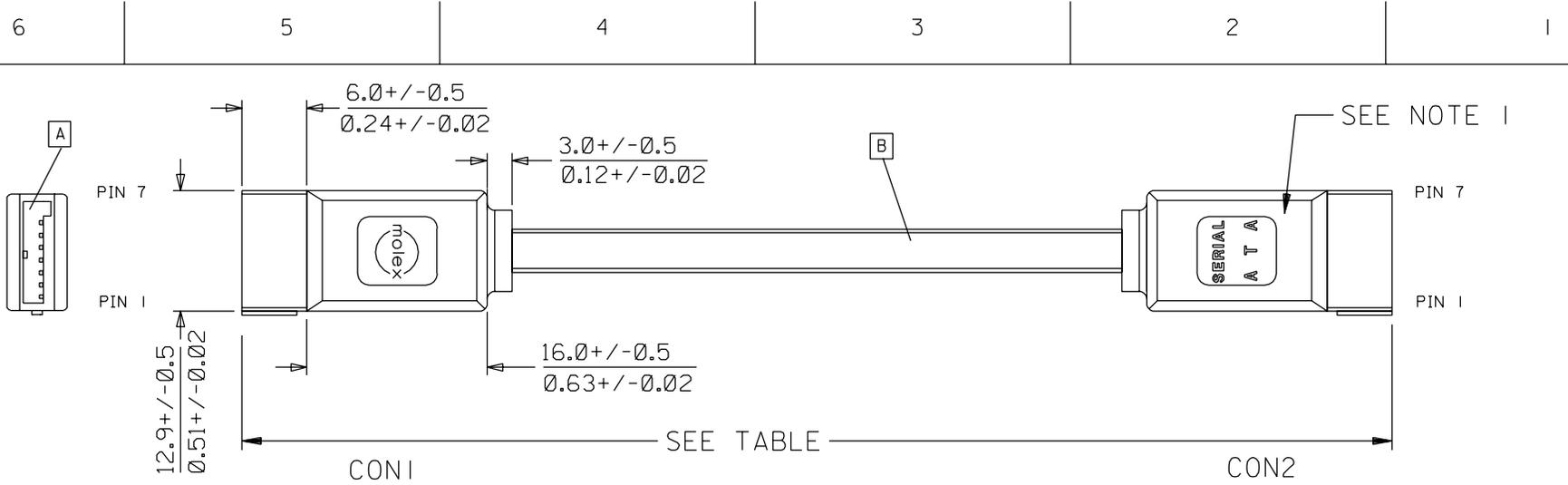
NOTE:  
 1. OUTER MOLD WITH BLACK PVC RESIN 887800019  
 INNER MOLD WITH PE RESIN 887800008  
 2. ELECTRICAL PERFORMANCE:  
 ALL TEST DUABILITY: 0.01 SEC).  
 2.1. DIELECTRIC STRENGTH: 500V DC  
 2.2. INSULATION RESISTANCE: 100M OHMS MIN.  
 2.3. CONDUCTIVE RESISTOR: 2 OHMS MAX.

ENTER DESCRIPTION	2005/03/31	QUALITY SYMBOLS
EC NO: DG2005-0120	2005/03/31	▽=0
DRWN: JLIU13	2005/03/31	∇=0
CHKD: TEDDY	2005/04/01	
APPR: TKAN		
DESCRIPTION		
REV		

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± --- ± ---
1 PLACE	± --- ± ---
ANGULAR ± --- °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

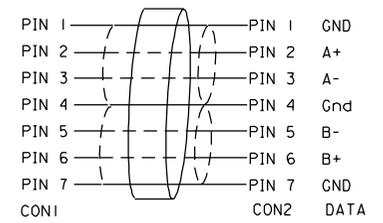
DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
JLIU13	2005/03/24
CHECKED BY	DATE
TEDDY	2005/03/24
APPROVED BY	DATE
BORON	2005/03/24
MATERIAL NO.	
887505310	
SIZE	
A/4	

SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE S-ATA GRAY 0.5M CABLE ASS'Y		
MOLEX MOLEX INCORPORATED		
MATERIAL NO. 887505310	DOCUMENT NO. SD-88750-5310	SHEET NO. 1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



**NOTE:**  
**PHYSICAL**  
 1. INNER MOLD WITH PE RESIN 887800008;  
 OUTER MOLD WITH BLACK PVC RESIN 887800019.  
**ELECTRICAL PERFORMANCE:**  
 2. DIELECTRIC STRENGTH: 500V DC  
 3. INSULATION RESISTANCE: 100M OHMS Min.  
 4. CONDUCTIVE RESISTOR: 2 OHMS Max.

**WIRE CHART**



MAT. NO.	LENGTH(MM)	LENGTH(INCH)	CABLE P/N	DESCRIPTION
887505410	1000+/-20	40+/-0.4	887808051	S-ATA SIGNAL CABLE, 1.0 M GREY;
887505400	1000+/-20	40+/-0.5	887808404	S-ATA SIGNAL CABLE, 1.0M RED;
887505310	500+/-10	20+/-0.4	887808051	S-ATA SIGNAL CABLE, 0.5M GREY;
887505300	500+/-10	20+/-0.4	887808404	S-ATA SIGNAL CABLE, 0.5M RED;

ITEM	DESCRIPTION	L	QTY.
B	S-ATA SIGNAL CABLE (SEE TABLE)	SEE TABLE	1
A	CONNECTOR 675380001		2

**TABLE**

EC NO. DRWN: Louis 04/03/23 CHK: APPR:	EC NO. DRWN: BENTZ 02/08/08 CHK: APPR:	DESCRIPTION	QUALITY SYMBOLS MAJOR ▼ = 0 CRITICAL ▽ = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY		SHT	REV
				4 PLACES ±0.	±.	DRAWN BY & DATE BENTZ 02/08/08	TITLE: S-ATA STRAIGHT TO STRAIGHT SIGNAL CABLE ASSY 0.5M, 1.0M	REVISE ON CAD ONLY				
				3 PLACES ±0.	±.	CHECKED BY & DATE Tony Wong 02/08/08	APPROVED BY & DATE Tony Wong 02/08/08					
				2 PLACES ±0.	±.	MATERIAL NO. SEE TABLE						
				1 PLACE ±0.	±.	CAD FILENAME S88755AC.S01		DRAWING NO. SD-88755-003		SHEET NO. 1 OF 1		
				ANGULAR: ± °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE A4	