

SEE THE TABLE

PIN 4	PIN 1 GRN
PIN 2	PIN 2 DATA A+
PIN 3	PIN 3 DATA A-
PIN 4	PIN 4 GND
PIN 5	PIN 5 DATA B-
PIN 6	PIN 6 DATA B+
PIN 7	PIN 7 GND
CON1	CON2 SIGNAL

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.

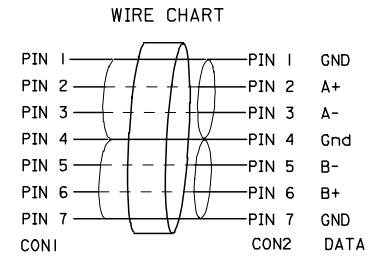
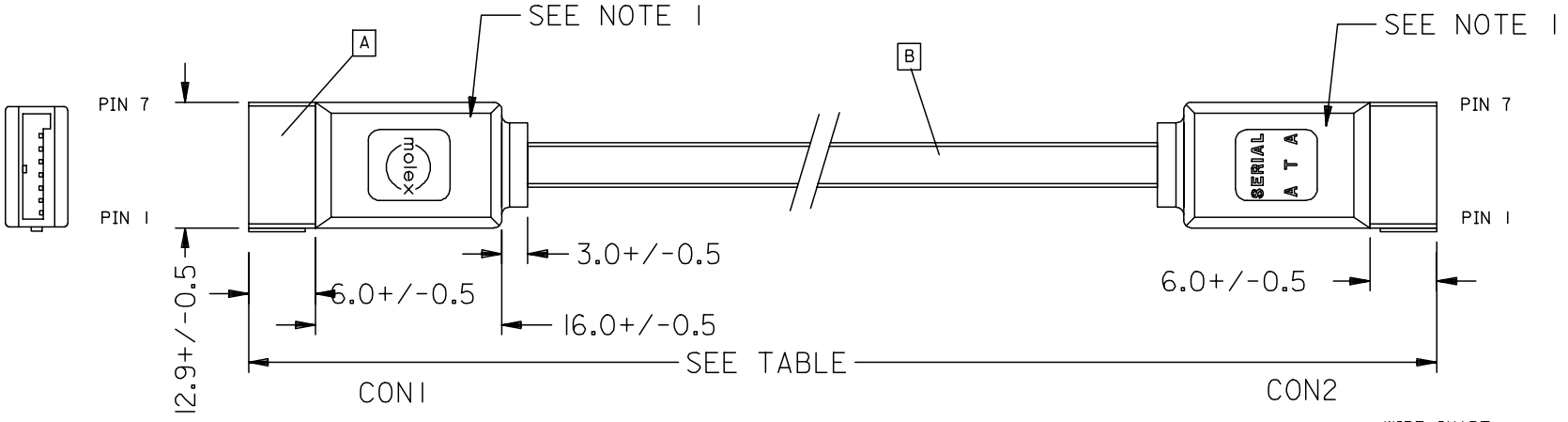
ENTER DESCRIPTION	QUALITY SYMBOLS
EC NO: DG2005-0120	▽=0
DRWN: JLU13 2005/03/31	∇=0
CHKD: TEDDY 2005/03/31	
APPR: TKAN 2005/04/01	
DESCRIPTION	
REV	

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
JLU13	2005/03/30
CHECKED BY	DATE
TEDDY	2005/03/30
APPROVED BY	DATE
BORON	2005/03/30
MATERIAL NO.	
887505300	
SIZE	
A 4	

SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE		
S-ATA RED 0.5M CABLE ASS'Y		
MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
887505300	SD-88750-5300	1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

6 5 4 3 2 1



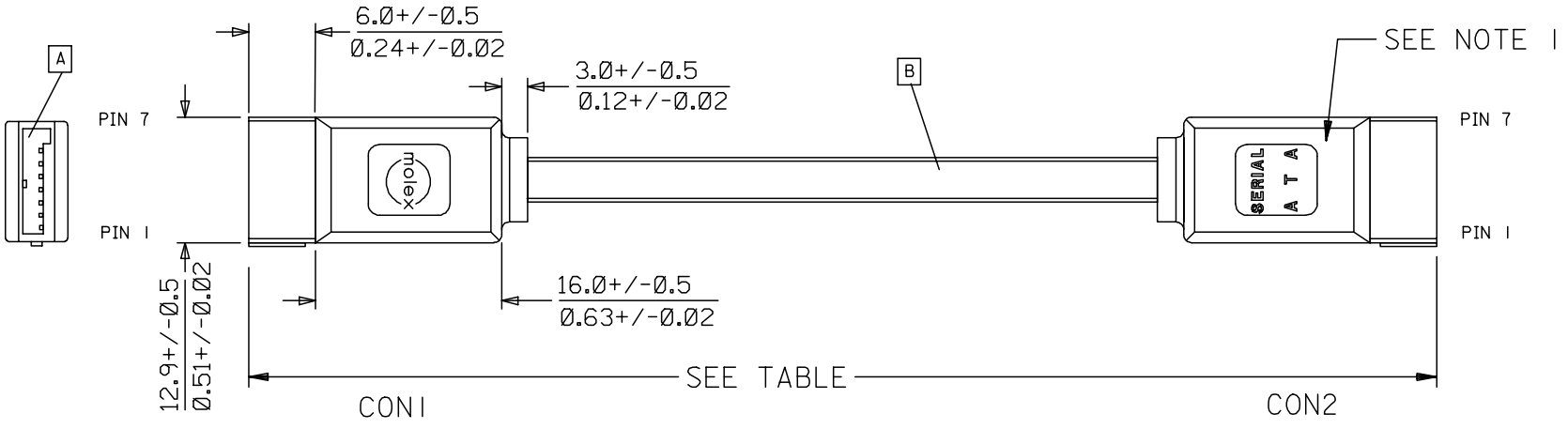
NOTE:  
 PHYSICAL  
 1. INNER MOLD WITH PE RESIN 887800008;  
 OUTER MOLD WITH BLACK PVC RESIN 887800019.  
 ELECTRICAL PERFORMANCE:  
 2. DIELECTRONIC STRENGTH:500V DC  
 3. INSULATION RESISTANCE:100M OHMS  
 4. CONDUCTIVE RESISTOR: 2 OHMS

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

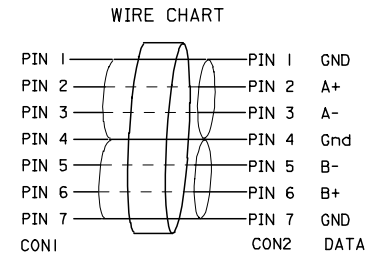
B	S-ATA SIGNAL CABLE (SEE TABLE)	SEE TABLE
A	CONNECTOR 675380001	2
ITEM	DESCRIPTION	L QTY.

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

6 5 4 3 2 1



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 Min.  
 4. CONDUCTIVE RESISTOR: 2 OHMS Max.



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;
MAT. NO.	LENGTH(MM)	LENGTH(INCH)	CABLE P/N	DESCRIPTION

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

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