



EC NO: DC2006-50087 DRWN: Arthur 2005/11/11 CHKD: CHYD 2005/11/14 APPR: DQLUO 2005/11/14	DESCRIPTION 1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION															
		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	DRAWN BY PHZHU 2005/10/06		TITLE SAS 4I TO 4(1X)SATA INTERNAL BACKPLANE-BASE FANOUT CABLE W/O SB 3.3'			
			mm	INCH																			
		4 PLACES	±---	±---																			
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ANGULAR ±1/2°			CHECKED BY ZXDENG 2005/10/06		MOLEX INCORPORATED																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY DQLUO 2005/10/06		MATERIAL NO. 68810-0002		DOCUMENT NO. SD-68810-0002																
					SHEET NO. 1 OF 2																		
					SIZE A4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		

ib_frame_A4_P_ME_T
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7 6 5 4 3 2 1

FUNCTION	CONN. 1	CONN.	FUNCTION
GND	PIN 1	P4-1	GND
RX3+	PIN 2	P4-2	TX+
RX3-	PIN 3	P4-3	TX-
GND	PIN 4	P4-4	GND
TX3-	PIN 5	P4-5	RX-
TX3+	PIN 6	P4-6	RX+
GND	PIN 7	P3-1,P4-7	GND
RX2+	PIN 8	P3-2	TX+
RX2-	PIN 9	P3-3	TX-
GND	PIN 10	P3-4	GND
TX2-	PIN 11	P3-5	RX-
TX2+	PIN 12	P3-6	RX+
GND	PIN 13	P3-7	GND
SDIN	PIN 14		
SDOUT	PIN 15		
GND	PIN 16		
GND	PIN 17		
SLOAD	PIN 18		
SCLOCK	PIN 19		
GND	PIN 20	P2-1	GND
RX1+	PIN 21	P2-2	TX+
RX1-	PIN 22	P2-3	TX-
GND	PIN 23	P2-4	GND
TX1-	PIN 24	P2-5	RX-
TX1+	PIN 25	P2-6	RX+
GND	PIN 26	P1-1,P2-7	GND
RX0+	PIN 27	P1-2	TX+
RX0-	PIN 28	P1-3	TX-
GND	PIN 29	P1-4	GND
TX0-	PIN 30	P1-5	RX-
TX0+	PIN 31	P1-6	RX+
GND	PIN 32	P1-7	GND

PAIR 8 DRAIN WIRE
 PAIR 8 SIGNAL
 PAIR 8 SIGNAL
 PAIR 7+ PAIR 8 DRAIN WIRE
 PAIR 7 SIGNAL
 PAIR 7 SIGNAL
 PAIR 6 + PAIR 7 DRAIN WIRE
 PAIR 6 SIGNAL
 PAIR 6 SIGNAL
 PAIR 5 + PAIR 6 DRAIN WIRE
 PAIR 5 SIGNAL
 PAIR 5 SIGNAL
 PAIR 5 DRAIN WIRE

PAIR 4 DRAIN WIRE
 PAIR 4 SIGNAL
 PAIR 4 SIGNAL
 PAIR 3 + PAIR 4 DRAIN WIRE
 PAIR 3 SIGNAL
 PAIR 3 SIGNAL
 PAIR 2 + PAIR 3 DRAIN WIRE
 PAIR 2 SIGNAL
 PAIR 2 SIGNAL
 PAIR 1 + PAIR 2 DRAIN WIRE
 PAIR 1 SIGNAL
 PAIR 1 SIGNAL
 PAIR 1 DRAIN WIRE

NOTES:
 1. STRIAN RELIEF IN COVER SHOULD BE OVERMODLED WITH BLACK RESIN PVC. 887800042. INNER MOLD WITH PE RESIN 887800008. OUTER MOLD WITH PVC RESIN 887800042.
 2. DD PRESENTS THE DATE, MM PRESENTS THE MONTH, YY PRESENTS THE YEAR.
 3. ELECTRICAL PERFORMANCE REFER TO MOLEX ES-004 SAS.
 1).DIELECTRIC STRENGTH
 2).INSULATION RESISTANCE
 3).CONDUCTIVE RESISTANCE
 4).DIFFERENTIAL IMPEDANCE
 5).DIFFERENTIAL SIGNAL CROSSTALK: NEXT
 6).RISETIME
 7).DIFFERENTIAL SIGNAL SKEW
 8).ATTENUATION
 4. THE COMPONENT MUST MEET ROHS COMPLIANCE.

ITEM	DESCRIPTION	L(MM)	QTY.
K	LABEL 8878-04719		4
J	LABEL 8878-04731		1
I	LABEL 8878-04685		1
H	YELLOW BOTTOM 47077-6001		2
G	S-ATA SIGNAL CONN. 674898002		4
F	2PX26AWG S-ATA RED CABLE 887808052	1000ref.	4
E	SPRING LATCH 47077-5011		1
C	UPPER AND LOWER COVER 17200-0329		1
B	SPRING LATCH 47077-5001		1
A	4 LANE CONN. 32P 47077-0021		1

EC NO: DC2006-50887 DRWN: Arthur CHKD: CHYKD APPR: DDLUO 2005/11/11 2005/11/14 2005/11/14	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		---	METRIC		
				DRAWN BY PHZHU		DATE 2005/10/06		TITLE	
				CHECKED BY ZXDENG		DATE 2005/10/06		SAS 4I TO 4(1X)SATA INTERNAL BACKPLANE-BASE FANOUT CABLE W/O SB 3.3'	
		APPROVED BY DQLUO		DATE 2005/10/06		MOTEX MOLEX INCORPORATED			
		ANGULAR ±1/2°		MATERIAL NO. 68810-0002		DOCUMENT NO. SD-68810-0002		SHEET NO. 2 OF 2	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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