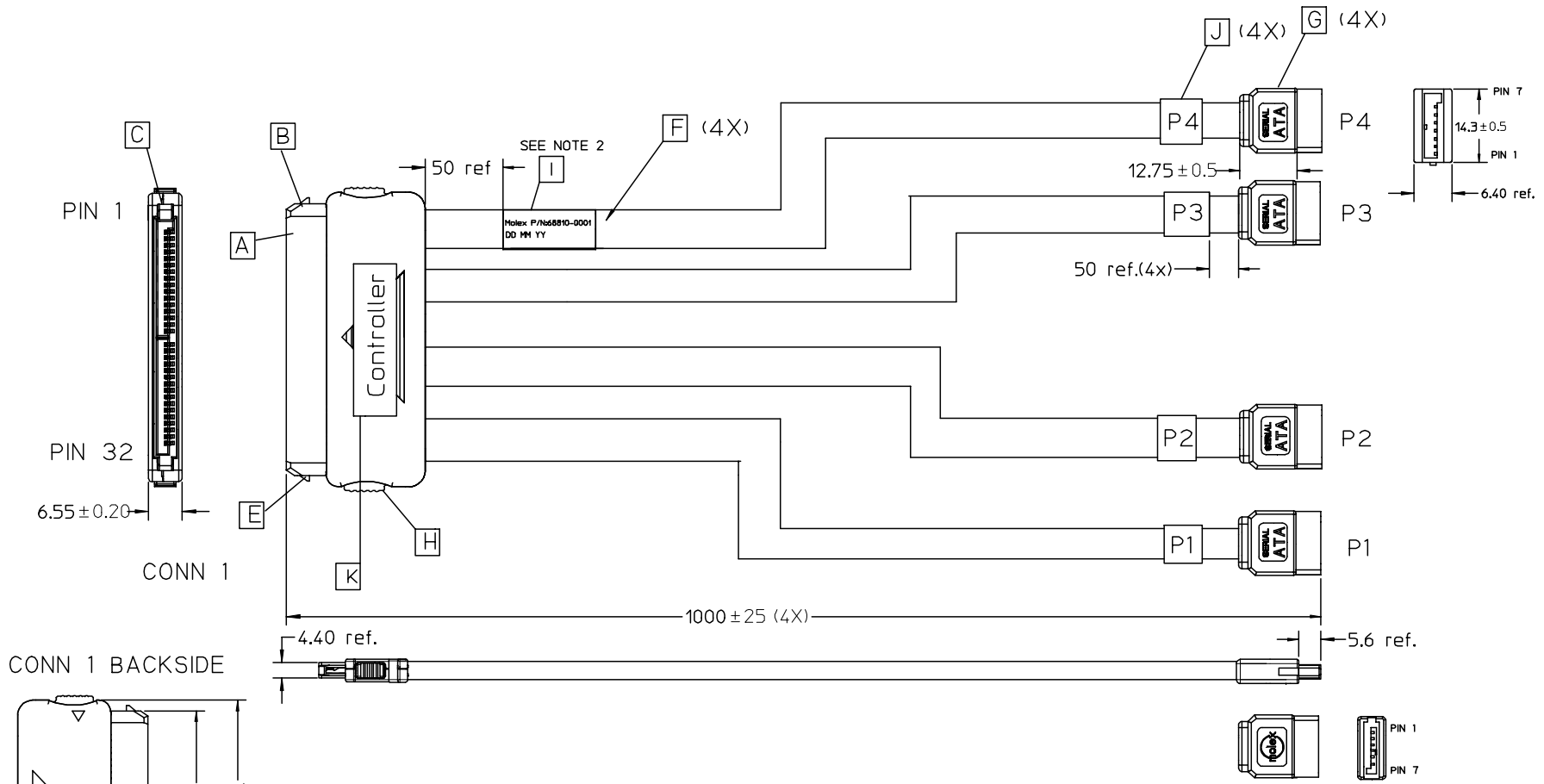
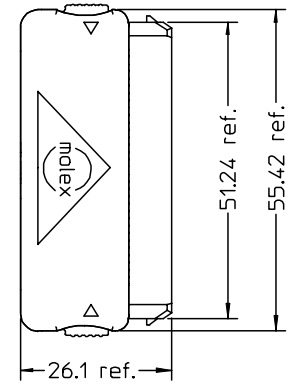


10 9 8 7 6 5 4 3 2 1

F  
E  
D  
C  
B  
A



CONN 1 BACKSIDE



ENTER DESCRIPTION	2005/11/11
EC NO: DG2006-0087	2005/11/14
DRWN:PHZHU	2005/11/14
CHKD:	2005/11/14
APPR:DQLUO	2005/11/14
REV	DESCRIPTION
1	

QUALITY SYMBOLS	▽=0
	∇=0

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

DIMENSION STYLE		SCALE	
MM ONLY		---	
DRAWN BY	DATE	TITLE	
PHZHU	2005/10/06	SAS 4i TO 4(1X)SATA INTERNAL CONTROLLER-BASE FANOUT CABLE W/O SB 3.3'	
CHECKED BY	DATE		
ZXDENG	2005/10/06		
APPROVED BY	DATE		
DQLUO	2005/10/06		
MATERIAL NO.	DOCUMENT NO.		
68810-0001	SD-68810-001		
SIZE			
A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

DESIGN UNITS	THIRD ANGLE PROJECTION
METRIC	
MOLEX INCORPORATED	
SHEET NO.	1 OF 2

9 8 7 6 5 4 3 2 1

FUNCTION	CONN. 1	CONN.	FUNCTION
GND	PIN 1	P4-7	GND
RX0+	PIN 2	P4-6	TX+
RX0-	PIN 3	P4-5	TX-
GND	PIN 4	P4-4	GND
TX0-	PIN 5	P4-3	RX-
TX0+	PIN 6	P4-2	RX+
GND	PIN 7	P3-7,P4-1	GND
RX1+	PIN 8	P3-6	TX+
RX1-	PIN 9	P3-5	TX-
GND	PIN 10	P3-4	GND
TX1-	PIN 11	P3-3	RX-
TX1+	PIN 12	P3-2	RX+
GND	PIN 13	P3-1	GND
SCLOCK	PIN 14		
SLOAD	PIN 15		
GND	PIN 16		
GND	PIN 17		
SDOUT	PIN 18		
SDIN	PIN 19		
GND	PIN 20	P2-7	GND
RX2+	PIN 21	P2-6	TX+
RX2-	PIN 22	P2-5	TX-
GND	PIN 23	P2-4	GND
TX2-	PIN 24	P2-3	RX-
TX2+	PIN 25	P2-2	RX+
GND	PIN 26	P1-7,P2-1	GND
RX3+	PIN 27	P1-6	TX+
RX3-	PIN 28	P1-5	TX-
GND	PIN 29	P1-4	GND
TX3-	PIN 30	P1-3	RX-
TX3+	PIN 31	P1-2	RX+
GND	PIN 32	P1-1	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 PRSENTS THE MONTH, YY PRESENTS THE YEAR.  
 3. THE COMPONENT MUST MEET ROHS COMPLIANCE.  
 4. ELECTRICAL PERFORMANCE IS AS BELOW:  
 1).DIELECTRIC STRENGTH  
 2).INSULATION RESISTANCE  
 3).DIFFERENTIAL IMPEDANCE  
 4).DIFFERENTIAL SIGNAL CROSSTALK:NEXT  
 5).RISETIME  
 6).DIFFERENTIAL SIGNAL SKEW  
 7).ATTENUATION  
 PLEASE REFER TO MOLEX STANDARD ES-004 SAS FOR DETAILS.

ITEM	DESCRIPTION	L(MM)	QTY.
K	LABEL 8878-04685		1
J	LABEL 8878-04719		4
I	LABEL 8878-04731		1
H	YELLOW BOTTOM 47077-6001		2
G	S-ATA SIGNAL CONN. 674898002		4
F	2PX26AWG S-ATA RED CABLE 887808052	1000 ref.	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

ENTER DESCRIPTION EC NO: DG2006-0087 DRWN:PHZHU 2005/11/14 CHKD: 2005/11/14 APPR:DQLUO 2005/11/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 □=0	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	MM ONLY	---	METRIC	
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY	DATE	TITLE	SAS 4I TO 4(1X)SATA INTERNAL CONTROLLER-BASE FANOUT CABLE W/O SB 3.3'
	REV		PHZHU	2005/10/06	CHECKED BY	

APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
DQLUO	2005/10/06	68810-0001	SD-68810-001	2 OF 2

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