
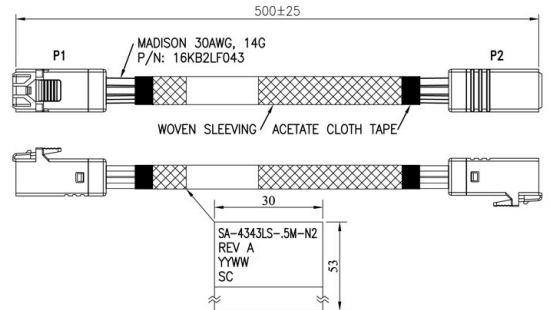
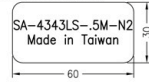



REV.	REMARK	DATE	SIGN.	5	6	7	8	9																																																																																																												
1																																																																																																																				
																																																																																																																				
WIRING DIAGRAM HIGH SPEED SIGNAL																																																																																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">P1(Mini SAS HD 4i Plug)(HST)</th> <th colspan="2">P2(Mini SAS HD 4i Plug)(DWRT)</th> </tr> <tr> <th>PIN</th> <th>SIGNAL</th> <th>PAD</th> <th>SIGNAL</th> </tr> </thead> <tbody> <tr><td>B4</td><td>RX0+</td><td>D4</td><td>TX0+</td></tr> <tr><td>B5</td><td>RX0-</td><td>D5</td><td>TX0-</td></tr> <tr><td>A4</td><td>RX1+</td><td>C4</td><td>TX1+</td></tr> <tr><td>A5</td><td>RX1-</td><td>C5</td><td>TX1-</td></tr> <tr><td>A1</td><td>SIDEBAND 7</td><td>A2</td><td>SIDEBAND 7</td></tr> <tr><td>B1</td><td>SIDEBAND 3</td><td>B2</td><td>SIDEBAND 3</td></tr> <tr><td>C1</td><td>SIDEBAND 4</td><td>C2</td><td>SIDEBAND 4</td></tr> <tr><td>D1</td><td>SIDEBAND 5</td><td>D2</td><td>SIDEBAND 5</td></tr> <tr><td>B7</td><td>RX2+</td><td>D7</td><td>TX2+</td></tr> <tr><td>B8</td><td>RX2-</td><td>D8</td><td>TX2-</td></tr> <tr><td>A7</td><td>RX3+</td><td>C7</td><td>TX3+</td></tr> <tr><td>A8</td><td>RX3-</td><td>C8</td><td>TX3-</td></tr> <tr><td>D4</td><td>TX0+</td><td>B4</td><td>RX0+</td></tr> <tr><td>D5</td><td>TX0-</td><td>B5</td><td>RX0-</td></tr> <tr><td>C4</td><td>TX1+</td><td>A4</td><td>RX1+</td></tr> <tr><td>C5</td><td>TX1-</td><td>A5</td><td>RX1-</td></tr> <tr><td>A2</td><td>SIDEBAND 0</td><td>A1</td><td>SIDEBAND 0</td></tr> <tr><td>B2</td><td>SIDEBAND 1</td><td>B1</td><td>SIDEBAND 1</td></tr> <tr><td>C2</td><td>SIDEBAND 2</td><td>C1</td><td>SIDEBAND 2</td></tr> <tr><td>D2</td><td>SIDEBAND 6</td><td>D1</td><td>SIDEBAND 6</td></tr> <tr><td>D7</td><td>TX2+</td><td>B7</td><td>RX2+</td></tr> <tr><td>D8</td><td>TX2-</td><td>B8</td><td>RX2-</td></tr> <tr><td>C7</td><td>TX3+</td><td>A7</td><td>RX3+</td></tr> <tr><td>C8</td><td>TX3-</td><td>A8</td><td>RX3-</td></tr> <tr><td>GND GROUP</td><td>GND</td><td>GND GROUP</td><td>GND</td></tr> </tbody> </table>									P1(Mini SAS HD 4i Plug)(HST)		P2(Mini SAS HD 4i Plug)(DWRT)		PIN	SIGNAL	PAD	SIGNAL	B4	RX0+	D4	TX0+	B5	RX0-	D5	TX0-	A4	RX1+	C4	TX1+	A5	RX1-	C5	TX1-	A1	SIDEBAND 7	A2	SIDEBAND 7	B1	SIDEBAND 3	B2	SIDEBAND 3	C1	SIDEBAND 4	C2	SIDEBAND 4	D1	SIDEBAND 5	D2	SIDEBAND 5	B7	RX2+	D7	TX2+	B8	RX2-	D8	TX2-	A7	RX3+	C7	TX3+	A8	RX3-	C8	TX3-	D4	TX0+	B4	RX0+	D5	TX0-	B5	RX0-	C4	TX1+	A4	RX1+	C5	TX1-	A5	RX1-	A2	SIDEBAND 0	A1	SIDEBAND 0	B2	SIDEBAND 1	B1	SIDEBAND 1	C2	SIDEBAND 2	C1	SIDEBAND 2	D2	SIDEBAND 6	D1	SIDEBAND 6	D7	TX2+	B7	RX2+	D8	TX2-	B8	RX2-	C7	TX3+	A7	RX3+	C8	TX3-	A8	RX3-	GND GROUP	GND	GND GROUP	GND
P1(Mini SAS HD 4i Plug)(HST)		P2(Mini SAS HD 4i Plug)(DWRT)																																																																																																																		
PIN	SIGNAL	PAD	SIGNAL																																																																																																																	
B4	RX0+	D4	TX0+																																																																																																																	
B5	RX0-	D5	TX0-																																																																																																																	
A4	RX1+	C4	TX1+																																																																																																																	
A5	RX1-	C5	TX1-																																																																																																																	
A1	SIDEBAND 7	A2	SIDEBAND 7																																																																																																																	
B1	SIDEBAND 3	B2	SIDEBAND 3																																																																																																																	
C1	SIDEBAND 4	C2	SIDEBAND 4																																																																																																																	
D1	SIDEBAND 5	D2	SIDEBAND 5																																																																																																																	
B7	RX2+	D7	TX2+																																																																																																																	
B8	RX2-	D8	TX2-																																																																																																																	
A7	RX3+	C7	TX3+																																																																																																																	
A8	RX3-	C8	TX3-																																																																																																																	
D4	TX0+	B4	RX0+																																																																																																																	
D5	TX0-	B5	RX0-																																																																																																																	
C4	TX1+	A4	RX1+																																																																																																																	
C5	TX1-	A5	RX1-																																																																																																																	
A2	SIDEBAND 0	A1	SIDEBAND 0																																																																																																																	
B2	SIDEBAND 1	B1	SIDEBAND 1																																																																																																																	
C2	SIDEBAND 2	C1	SIDEBAND 2																																																																																																																	
D2	SIDEBAND 6	D1	SIDEBAND 6																																																																																																																	
D7	TX2+	B7	RX2+																																																																																																																	
D8	TX2-	B8	RX2-																																																																																																																	
C7	TX3+	A7	RX3+																																																																																																																	
C8	TX3-	A8	RX3-																																																																																																																	
GND GROUP	GND	GND GROUP	GND																																																																																																																	
<p>GND GROUP 1: P1-A3,A6,A9,B3,B6,B9, P2-C3,C6,C9,D3,D6,D9</p> <p>GND GROUP 2: P1-C3,C6,C9,D3,D6,D9, P2-A3,A6,A9,B3,B6,B9</p>																																																																																																																				
																																																																																																																				
<p>MATERIAL RoHS COMPLIANT:</p> <p>1. CABLE: CONDUCTOR: 30AWG SOLID SILVER PLATED COPPER. INSULATION: FOAM POLYOLEFIN. PAIR: 2 SINGLES LAID FLAT AND PARALLEL. PAIR DRAIN WIRE: 30AWG SOLID SILVER PLATED COPPER. PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 25% OVERLAP. INNER SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING OUT, 25% OVERLAP. DIFFERENTIAL IMPEDANCE: 100±5 OHMS @1DR UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE.</p> <p>2. CONNECTOR: P1,P2: Mini SAS HD 4i CABLE PLUG (SFF-8643) (1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON (P/N: MPCB-040115LF REV.A / MPCB-040116LF REV.A) (2) HOUSING: PBT, BLACK.</p> <p>3. LABELING ON BAG: </p>																																																																																																																				
																																																																																																																				
DESC. Mini SAS HD 4i/Mini SAS HD 4i CABLE ASS'Y			APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	* UNIT mm																																																																																																												
P/N UAASS-RC006752 CUSTOMER P/N SA-4343LS-5M-N2					Sino	DATE 05/09/14	DWG NO: DWG\RC\6752																																																																																																													