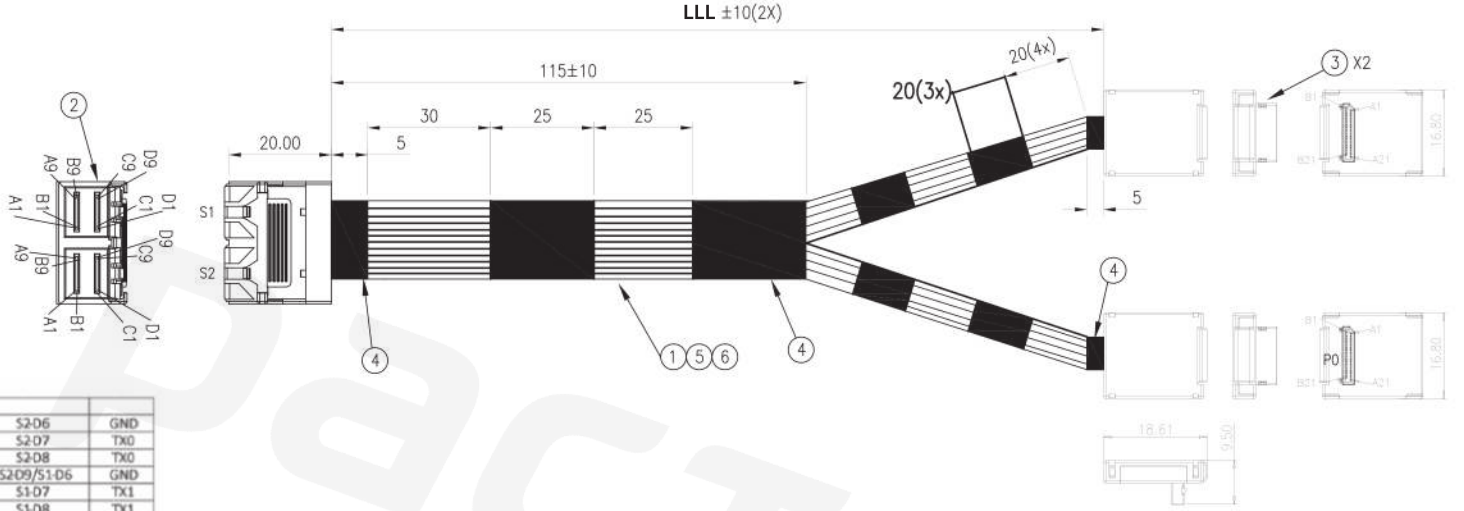


NOTICE: ALL PARTS MUST MEET TO RoHS REQUIREMENTS

REV.	DESCRIPTION	DRAWN	APPROVED	DATE
X1	NEW DRAWING	A. H.	A. C.	08/22/2019
X2	Length change 220 to 270	A. H.	A. C.	10/23/2019

NOTE:  
 1. ELECTRICAL AND MECHANICAL PERFORMANCE SHALL MEET THE PCIE GEN3 OCULINK INDUSTRIAL STANDARD EXCEPT IMPEDANCE.  
 2. THE CABLE ASSEMBLY SHALL MEET BELOW IMPEDANCE REQUIREMENT:  
 TERMINATION AREA: 85±15% OHMS, CABLE ABSOLUTE AREA: 85±10% OHMS.  
 3. THE CABLE ASSEMBLY SHALL BE MEET RoHS2.0 COMPLIANT.  
 4. SPECIAL WIRING DIAGRAM



P0			P1		
A1			A1		
A2	S2D3	GND	A2	S2D6	GND
A3	S2D4	TX0	A3	S2D7	TX0
A4	S2D5	TX0	A4	S2D8	TX0
A5	S2D6/S1D3	GND	A5	S2D9/S1D6	GND
A6	S1D4	TX1	A6	S1D7	TX1
A7	S1D5	TX1	A7	S1D8	TX1
A8	S1D6	GND	A8	S1D9	GND
A9			A9	S1A2	SCL
A10	S2A1	SDA	A10	S1A1	SDA
A11	S2B2	SDA	A11	S1B2	SDA
A12	S2C3	GND	A12	S1C3	GND
A13	S2C2	RST	A13	S1C2	RST
A14	S2D2	PRSN	A14	S1D2	PRSN
A15	S2C3	GND	A15	S2C6	GND
A16	S2C4	TX2	A16	S2C7	TX2
A17	S2C5	TX2	A17	S2C8	TX2
A18	S2C6/S1C3	GND	A18	S2C9/S1C6	GND
A19	S1C4	TX3	A19	S1C7	TX3
A20	S1C5	TX3	A20	S1C8	TX3
A21	S1C6	GND	A21	S1C9	GND
B1			B1		
B2	S2B3	GND	B2	S2B6	GND
B3	S2B4	RXD	B3	S2B7	RXD
B4	S2B5	RXD	B4	S2B8	RXD
B5	S2B6/S1B3	GND	B5	S2B9/S1B6	GND
B6	S1B4	RX1	B6	S1B7	RX1
B7	S1B5	RX1	B7	S1B8	RX1
B8	S1B6	GND	B8	S1B9	GND
B9	GND	GND	B9	GND	GND
B10			B10		
B11	S2D3	GND	B11	S1D3	GND
B12	S2C1	CLKP	B12	S1C1	CLKP
B13	S2D1	CLKN	B13	S1D1	CLKN
B14	S2A3	GND	B14	S2A6	GND
B15	S2A4	RX2	B15	S2A7	RX2
B16	S2A5	RX2	B16	S2A8	RX2
B17	S2A6/S1A3	GND	B17	S2A9/S1A6	GND
B18	S1A4	RX3	B18	S1A7	RX3
B19	S1A5	RX3	B19	S1A8	RX3
B20	S1A6	GND	B20	S1A9	GND
B21			B21		

APPROVED BY  
 COMPANY: \_\_\_\_\_  
 PURCHASING/ENGINEER: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Part Number	Length	Gauge
PT-HM8X-OCU42XRA-025	0.25M	32AWG
PT-HM8X-OCU42XRA-050	0.50M	32AWG
PT-HM8X-OCU42XRA-075	0.75M	32AWG
PT-HM8X-OCU42XRA-100	1M	32AWG

For Customer Made Items Order:  
 \* Minimum \$200 value  
 \* NCNR (Non-cancelable & non-returnable)  
 \* One time tooling charge, if any, must be approved with authorized signature & date.  
 \* Turn around time counted ARO (After Received FA or drawing approval)

ITEM	P/N	DESCRIPTION	QTY
6	LABEL	LABEL 70*26MM WHITE,R2,HF	1
5	R15710320X	WIRE,32AWG,UL1571,OD<=0.45MM	1
4	HM0100012	ACETATE TAPE:W=1INCH,HF	A/R
3	00343-0003	Oculink, 42POS,CONNECTOR, R/A WITH ACTIVE LATCH	2
2	AST0643-0036-32	HD MINI SAS 72POS STR	1
1	RWSS329006	SAS CBL:32#2C+2D+4M+HM,000.65*1.56,BLU,850,VW-1	A/R

1. * ±0.1 2. ** ±0.1 3. *** ±0.05 4. FRACT.±1/32" 5. ANGULAR ±1/2"	Customer P/N: N/A		TITLE HD Mini SAS 8X (2X STR) TO 2X OCULINK 4X RA
	Customer REV.: N/A		
	PART NO.		
	APPROVED A. H.		
	CHECKED A. C.	DRAWING NO.	PT-HM8X-OCU42XRA-LLL
DRAWN A. C.	UNIT	SCALE	SHEET
DATE 10/23/2019	MM	NONE	REV. X2

WIRE DIAGRAM