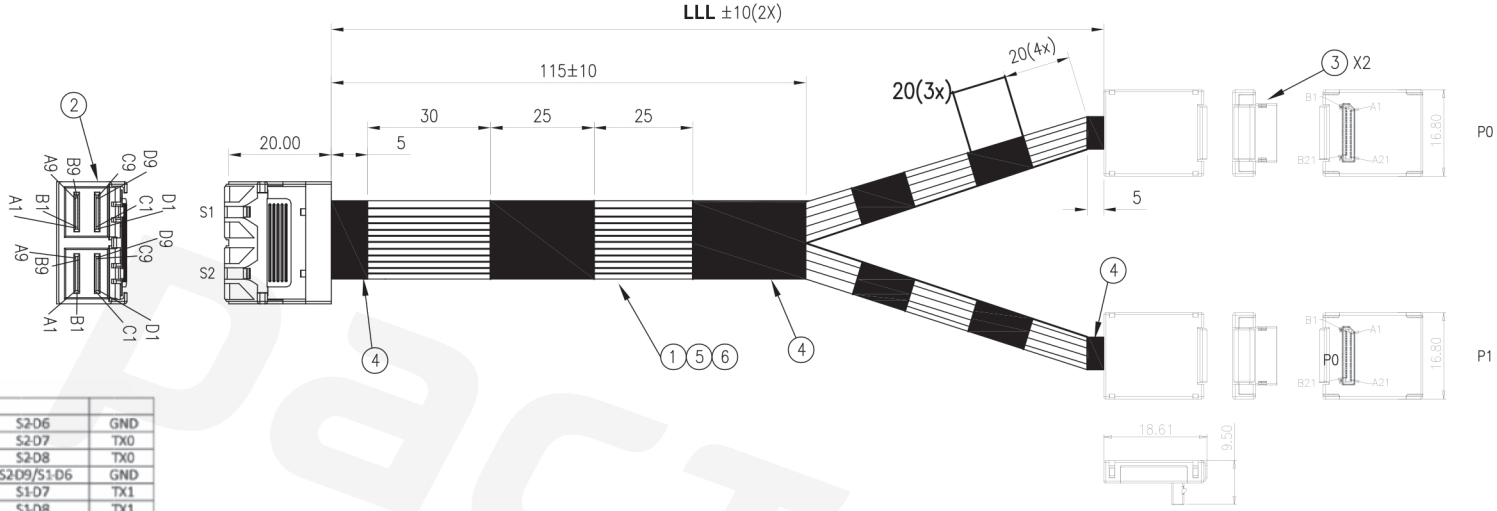


NOTICE: ALL PARTS MUST MEET TO RoHS REQUIREMENTS

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 MEET RoHS2.0 COMPLIANT.
 4. SPECIAL WIRING DIAGRAM



P0			P1		
A1			A1		
A2	S2-D3	GND	A2	S2-D6	GND
A3	S2-D4	TX0	A3	S2-D7	TX0
A4	S2-D5	TX0	A4	S2-D8	TX0
A5	S2-D6/S1-D3	GND	A5	S2-D9/S1-D6	GND
A6	S1-D4	TX1	A6	S1-D7	TX1
A7	S1-D5	TX1	A7	S1-D8	TX1
A8	S1-D6	GND	A8	S1-D9	GND
A9			A9	S1-A2	SCL
A10	S2-A1	SDA	A10	S1-A1	SDA
A11	S2-B2	SDA	A11	S1-B2	SDA
A12	S2-C3	GND	A12	S1-C3	GND
A13	S2-C2	RST	A13	S1-C2	RST
A14	S2-D2	PRSN	A14	S1-D2	PRSN
A15	S2-C3	GND	A15	S2-C6	GND
A16	S2-C4	TX2	A16	S2-C7	TX2
A17	S2-C5	TX2	A17	S2-C8	TX2
A18	S2-C6/S1-C3	GND	A18	S2-C9/S1-C6	GND
A19	S1-C4	TX3	A19	S1-C7	TX3
A20	S1-C5	TX3	A20	S1-C8	TX3
A21	S1-C6	GND	A21	S1-C9	GND
B1			B1		
B2	S2-B3	GND	B2	S2-B6	GND
B3	S2-B4	RX0	B3	S2-B7	RX0
B4	S2-B5	RX0	B4	S2-B8	RX0
B5	S2-B6/S1-B3	GND	B5	S2-B9/S1-B6	GND
B6	S1-B4	RX1	B6	S1-B7	RX1
B7	S1-B5	RX1	B7	S1-B8	RX1
B8	S1-B6	GND	B8	S1-B9	GND
B9	GND	GND	B9	GND	GND
B10			B10		
B11	S2-D3	GND	B11	S1-D3	GND
B12	S2-C1	CLKP	B12	S1-C1	CLKP
B13	S2-D1	CLKN	B13	S1-D1	CLKN
B14	S2-A3	GND	B14	S2-A6	GND
B15	S2-A4	RX2	B15	S2-A7	RX2
B16	S2-A5	RX2	B16	S2-A8	RX2
B17	S2-A6/S1-A3	GND	B17	S2-A9/S1-A6	GND
B18	S1-A4	RX3	B18	S1-A7	RX3
B19	S1-A5	RX3	B19	S1-A8	RX3
B20	S1-A6	GND	B20	S1-A9	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,U1571,OD<=0.45MM	1
4	HMMTP00012	ACETATE TAPE:W=1INCH,HF	A/R
3	OCU42-0007	Oculink, 42POS,CONNECTOR, R/A WITH ACTIVE LATCH	2
2	AST8643-0036-22	HD MINI SAS 72POS STR	1
1	RWSS320006	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	 pacotech TITLE HD Mini SAS 8X (2X STR) TO 2X OCULINK 4X RA DRAWING NO. PT-HM8X-OCU42XRA-LLL UNIT SCALE SHEET REV. MM NONE 1/1 X2
	Customer REV.: N/A	
	PART NO.	
	APPROVED A. H.	
	CHECKED A. C.	
DRAWN A. C.	DATE 10/23/2019	

WIRE DIAGRAM