

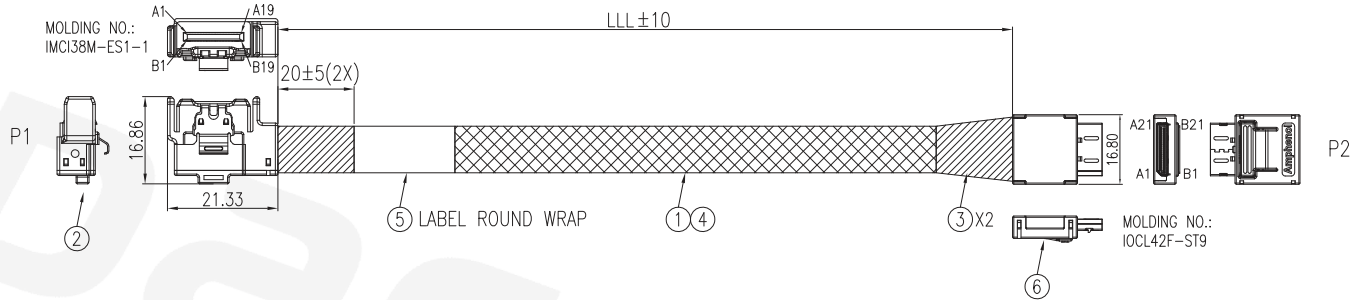
The marking on this product doesn't contain environmental hazardous, materials per directive 2011/65/EU for RoHS compliant.

REV.	DESCRIPTION	DRAWN	APPROVED	DATE
AX1	NEW DRAWING	A. ZAN	D. CHOI	2022.07.17

- NOTE:
- THE CABLE ASSEMBLY SHALL BE MEET RoHS2.0 COMPLIANT.
  - ELECTRICAL AND MECHANICAL PERFORMANCE SHALL MEET PCIE GEN4 SPECIFICATION.
  - THE CABLE ASSEMBLY SHALL MEET BELOW IMPEDANCE REQUIREMENT:  
TERMINATION AREA: 85±15% OHMS, CABLE ABSOLUTE AREA: 85±10% OHMS.

P1		P2	
GND	A1	B1	POWER 5 V #1
MCIO_RX_P_0	A2	B2	GND
MCIO_RX_N_0	A3	B3	PETp0
GND	A4	B4	PETn0
MCIO_RX_P_1	A5	B5	GND
MCIO_RX_N_1	A6	B6	PETp1
GND	A7	B7	PETn1
MCIO_GPIO_0	A8	B8	GND
MCIO_GPIO_1	A9	B9	BP_TYPE (VSP)
GND	A10	B10	CWAKE#_OBFF (VSP)
GPIO4_VSP_P	A11	B11	GND
GPIO4_VSP_N	A12	B12	REFCLK+ (VSP+)
GND	A13	B13	REFCLK- (VSP-)
MCIO_RX_P_2	A14	B14	GND
MCIO_RX_N_2	A15	B15	PETp2
GND	A16	B16	PETn2
MCIO_RX_P_3	A17	B17	GND
MCIO_RX_N_3	A18	B18	PETp3
GND	A19	B19	PETn3
		B20	GND
		B21	POWER 3.3 Vact RX
		A1	POWER 3.3 Vact RX
GND	B1	A2	GND
MCIO_TX_P_0	B2	A3	PERp0
MCIO_TX_N_0	B3	A4	PERn0
GND	B4	A5	GND
MCIO_TX_P_1	B5	A6	PERp1
MCIO_TX_N_1	B6	A7	PERn1
GND	B7	A8	GND
MCIO_I2C_SCL	B8	A9	2W-CLK
MCIO_I2C_SDA	B9	A10	2W-DATA
GND	B10	A11	GND
MCIO_GPIO_2	B11	A12	PERST# (VSP)
MCIO_GPIO_3	B12	A13	CPRSNT# (VSP)
GND	B13	A14	GND
MCIO_TX_P_2	B14	A15	PERp2
MCIO_TX_N_2	B15	A16	PERn2
GND	B16	A17	GND
MCIO_TX_P_3	B17	A18	PERp3
MCIO_TX_N_3	B18	A19	PERn3
GND	B19	A20	GND
		A21	POWER 5 V #2

WIRE DIAGRAM



ITEM NO.	LENGTH (LLL)
MCIO38-LS-OCU-ST-5.0-025	250mm ± 15
MCIO38-LS-OCU-ST-5.0-400	400mm ± 15
MCIO38-LS-OCU-ST-5.0-050	500mm ± 15
MCIO38-LS-OCU-ST-5.0-075	750mm ± 15
MCIO38-LS-OCU-ST-5.0-100	1000mm ± 15

6	OCL42-0012	OCulink 4X STR with Active Latch,Black,V0,85ohm	1
5	HMLS57262	LABEL:Synthetic paper,57*26MM,BLANK,WHT,R2,HF	1
4	HMTB00XXXX	EXPANDO TUBE:BLACK,VW-1,HF	A/R
3	HMMTP0XXXX	TERYLENE CLOTH TAPE,BLK,HF	A/R
2	MCIO-38LS-05-V	MCIO 4X LSE V0,85ohm	1
1	HWSS320006	SAS CBL:UL20744,32#2C+2D+AM+HM,Tinned,BLU,850hm,VW-1,12G,HF	A/R
ITEM	VENDOR P/N	DESCRIPTION	QTY

GENERAL TOLERANCES	
.X:	± 0.5
.XX:	± 0.3
.XXX:	± 0.15
ANGULAR:	± 1'



DRAWN:	A. ZAN	DATE:	07/17/2021
CHECKED:	D. CHOI	DATE:	07/17/2021
APPROVED:	D. CHOI	DATE:	07/17/2021

**Amphenol**

TITLE: MCIO 4X LSE TO OCULINK 4X STR



SCALE:	NONE	SHEET 1 OF 1
UNIT:	MM	SIZE: A4
REV.:	AX1	