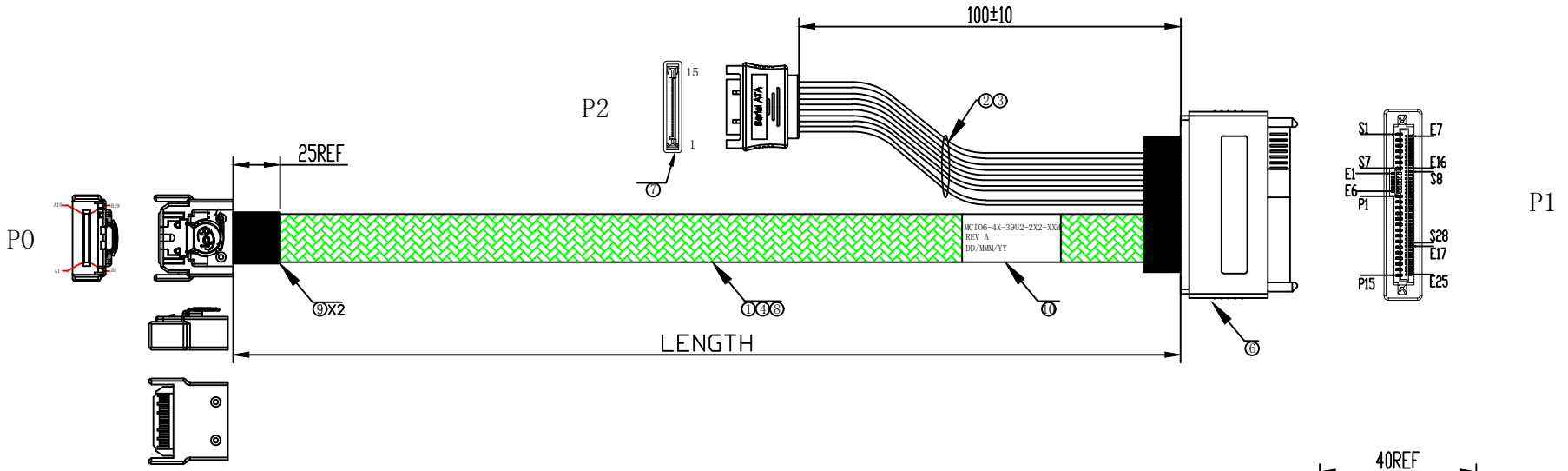
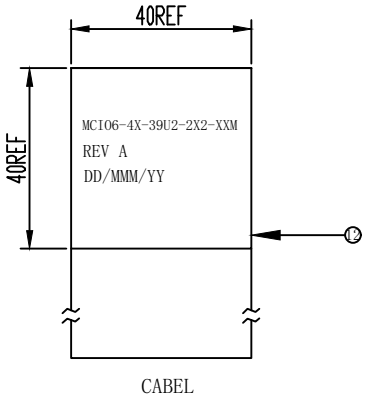
DATE	DESCRIPTION OF CHANGE	REV
2024-04-25	XXXXX	A



LENGTH P/N TABLE	
PART NUMBER	LENGTH(MM)
MCIO6-4X-39U2-2X2-0.3M	300±10
MCIO6-4X-39U2-2X2-0.5M	500±10



CABEL

TEST CONDITIONS:
1. 100% OPEN & SHORT & MISS—WIRING & INTERMITTENCE TEST
2. CONDUCTIVE RESISTANCE:3Ω MAX.
3. INSULATION RESISTANCE: 10ΩM
4. HI-POT TEST:300VDC FOR10ms.
5. THIS PRODUCT MEETS PCIE 6.0

NO.	NAME	IPT NO.	DESCRIPTION	Q'TY	Q'TY
⑩	LABEL		WHITE LABEL: 40*40MM	1	PCS
⑨	ACETATE TAPE		W=25MM ACETATE TAPE,BLACK	–	MM
⑧	EXPANDO TUBE		W=12MM PLASTIC BRAID SLEEVE,PET,GREEN	–	MM
⑦	CONN		SATA15P M PRS LCP BLK	1	PCS
⑥	CONN		SFF-8639 PCIE 68PIN CONN （GEN5 Welded type）	1	SET
⑤	CONN		SFF-1016 MCIO-4X CONN	1	SET
④	WIRE		UL1061 30AWG TS -LF-	–	MM
③	WIRE		UL1007 24AWG TS -LF-	–	MM
②	WIRE		UL1007 18AWG TS -LF-	–	MM
①	CABLE		SAS CABLE:(29AWG*2C+2D)+HM,85Ω (S06S62901)	–	MM

serial CABLES

TITLE	MCIO-4X TO 8639+SATA 15P CABLE U2 2X2 GEN6 CABLE					SHEET	1/2
CUSTOMER		CUSTOMER P/N	MCIO6-4X-39U26-2X2-XXM		DRAWING	lupeng	
DWG NO.	WIPT20240425004	UNIT	SCALE	REV	VIEW	CHECKED	lupeng
IPT P/N		mm	NONE	A		APPROVAL	

DATE	DESCRIPTION OF CHANGE	REV
2024-04-25	XXXXX	A

WIRING DIAGRAI

P0	
PAD	SIGNAL
PERP3	A17
PERN3	A18
PERP0	A2
PERN0	A3
PERP2	A14
PERN2	A15
PERP1	A5
PERN1	A6
PETP3	B17
PETN3	B18
PETP0	B2
PETN0	B3
PETP2	B14
PETN2	B15
PETP1	B5
PETN1	B6
CLK_0_N	A9
CLK_0_P	A8
CLK_1_N	B9
CLK_1_P	B8
ATLAS_SCL	A11
ATLAS_SDA	A12
PERST#_0	B11
PERST#_1	B12
GND	A1,A4,A7 A10,A13 A16,A19

P1	
PAD	SIGNAL
E21	PERp3
E20	PERn3
E14	PERp0
E13	PERn0
S27	PERp2
S26	PERn2
S21	PERp1
S20	PERn1
E17	PETp3
E18	PETn3
E10	PETp0
E11	PETn0
S23	PETp2
S24	PETn2
S17	PETp1
S18	PETn1
E8	RefClk0−
E7	RefClk0+
E2	RefClk1−
E1	RefClk1+
E23	SMClk
E24	SMDat
E5	ePerst0#
E4	ePerst1#
S1,S4,S7,S8 S11,S14,S16 S19,S22,S25 S28,E9,E12 E15,E19,E22, E25	GND
E3	3.3Vaux

100Ω

100Ω

P1	
P13,P14,P15	+12V
P12	GND
P7,P8,P9	+5V
P5,P6	GND

P2			
PIN	SIGNAL	COLOR	AWG
P13,P14,P15	+12V	YELLOW	18AWG
P10,P11P12	GND	BLACK	24AWG
P7,P8,P9	+5V	RED	18AWG
P4,P5,P6	GND	BLACK	18AWG
P1,P2,P3	+3.3V	ORANGE	24AWG

Note: Pin E25 for P2 SFF-8639 should be tied to E22 GND

serial CABLES

TITLE	MCIO-4X TO 8639+SATA 15P CABLE U2 2X2 GEN6 CABLE					SHEET	2/2
CUSTOMER		CUSTOMER P/N	MCIO6-4X-39U2-2X2-XXM			DRAWING	lupeng
DWG NO.	WIPT20240425004	UNIT	SCALE	REV	VIEW	CHECKED	lupeng
IPT P/N		mm	NONE	A		APPROVAL	