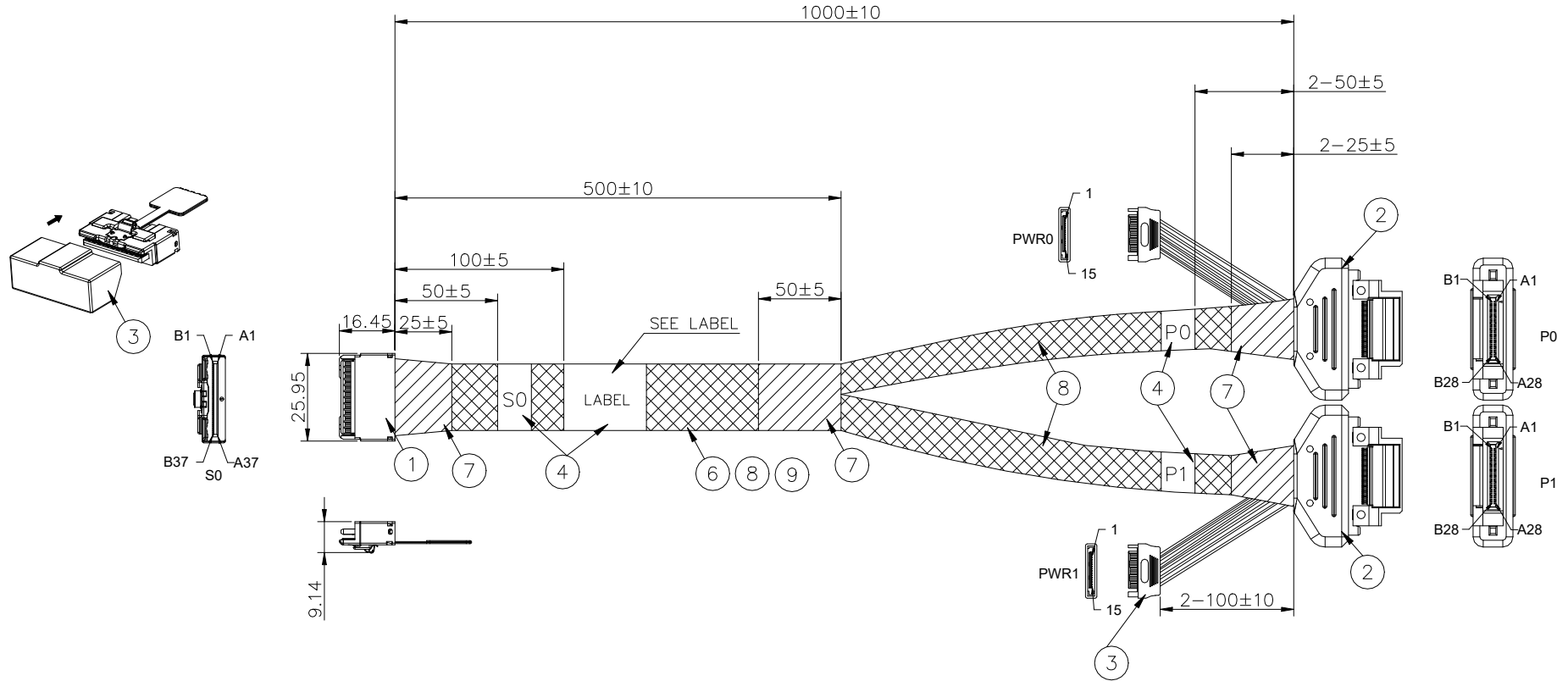


12

- NOTES:
1. ALL CABLE 100% OPEN, SHORT, MISS WIRE & TRANSIENT FAULT TEST.
 2. CONDUCTIVE RESISTANCE: 2Ω MAX.
 3. INSULATION RESISTANCE: 10MΩ MIN WITH 200Vdc AT 10ms.
 4. HIGH FREQUENCY TEST MUST COMPLY WITH PCIe GEN6 REQUIREMENT.
CONNECTOR IMPEDANCE: 85Ω ±15Ω
CABLE IMPEDANCE: 85Ω ±10Ω
 5. ALL MATERIAL AND PROCESS MUST MEET THE REQUIREMENT OF RoHS2.0.

REVISIONS					
ECN NO.	REV.	DESCRIPTIONS	CHECKED	APPROVED	DATE
xxx	10	CORRECT LABEL INFORMATION	Wei, Chang	Wei, Chang	01/20/2025
xxx	11	UPDATE DRAWING	Wei, Chang	Wei, Chang	01/24/2025
xxx	12	UPDATE THE INFORMATION	Wei, Chang	lhung, Lee	03/03/2025



Follow Drawing ver.
Manufactured Date

SI report QRcode

GENESIS PART NUMBER
320-10806-01
GEN6-REV X
MFD DD/MM/YY
85_ohm

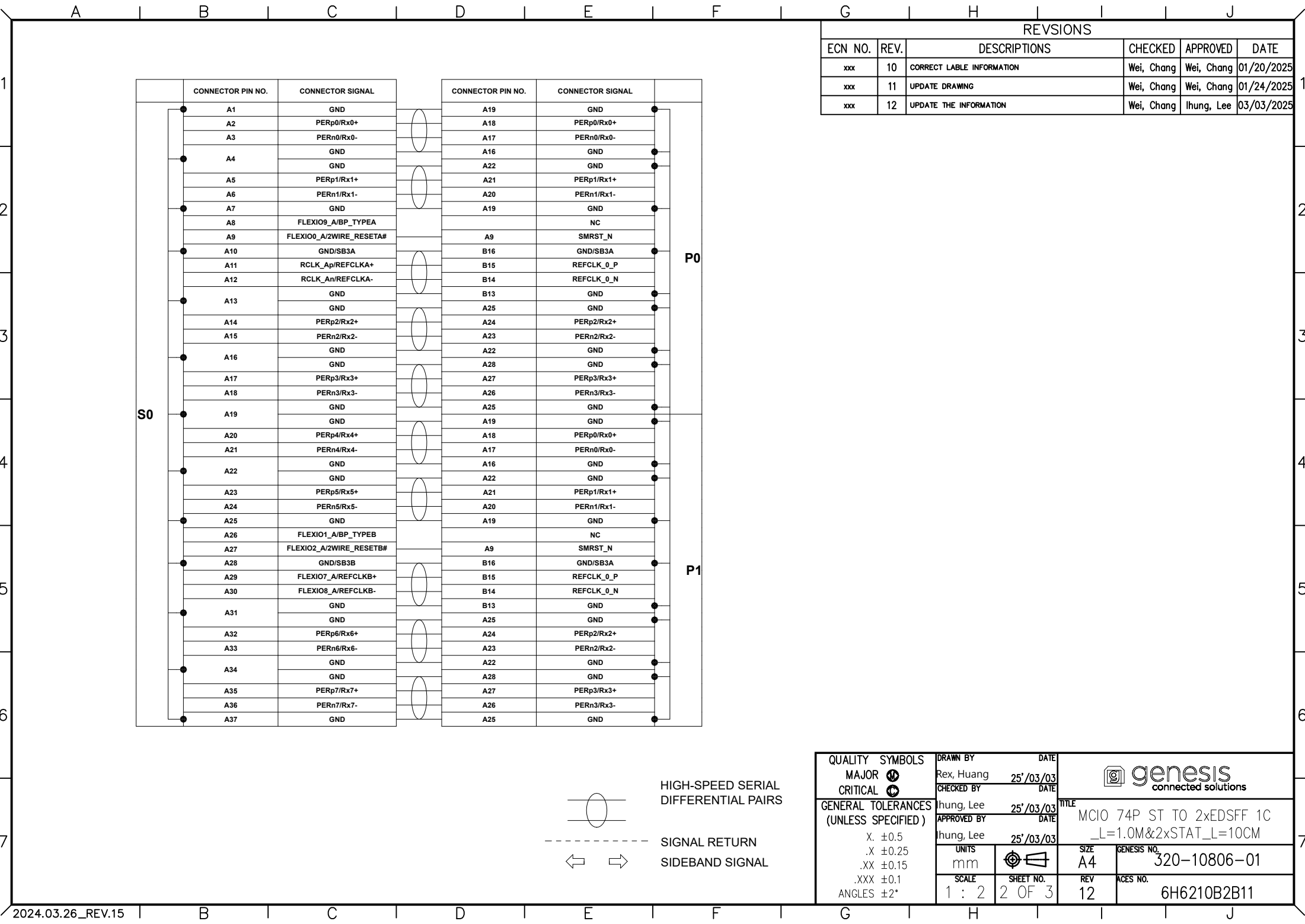
DETAIL LABEL

ITEM	DESCRIPTION	Q'TY	UNIT
1	MCIO 74P STRAIGHT TYPE 85Ω.	1	PCS
2	EDSFF-1C_FEAMLE.	2	PCS
3	SATA POWER	2	PCS
4	LABEL.	4	PCS
5	MCIO DUST COVER.(74P)	1	PCS
6	HIGH SPEED CABLE, 85Ω, 30AWG.	A/R	MM
7	ACETATE TAPE COLOR: BLACK.	A/R	MM
8	EXPANDO TUBE. COLOR: GREEN.	A/R	MM
9	WIRE(CABLE 30AWG)	A/R	MM

QUALITY SYMBOLS	
MAJOR	Ⓜ
CRITICAL	Ⓢ
GENERAL TOLERANCES (UNLESS SPECIFIED)	
X.	±0.5
.X	±0.25
.XX	±0.15
.XXX	±0.1
ANGLES	±2°

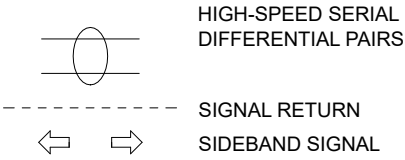
DRAWN BY	DATE
Rex, Huang	25'/03/03
CHECKED BY	DATE
lhung, Lee	25'/03/03
APPROVED BY	DATE
lhung, Lee	25'/03/03
UNITS	mm
SCALE	1 : 2
SHEET NO.	1 OF 3

genesis connected solutions	
TITLE MCIO 74P ST TO 2xEDSFF 1C _L=1.0M&2xSTAT_L=10CM	
SIZE A4	GENESIS NO. 320-10806-01
REV 12	ACES NO. 6H6210B2B11



	CONNECTOR PIN NO.	CONNECTOR SIGNAL		CONNECTOR PIN NO.	CONNECTOR SIGNAL	
S0	A1	GND		A19	GND	P0
	A2	PERp0/Rx0+		A18	PERp0/Rx0+	
	A3	PERn0/Rx0-		A17	PERn0/Rx0-	
	A4	GND		A16	GND	
	A5	PERp1/Rx1+		A22	GND	
	A6	PERn1/Rx1-		A21	PERp1/Rx1+	
	A7	GND		A20	PERn1/Rx1-	
	A8	FLEXIO9_A/BP_TYPEA		A19	GND	
	A9	FLEXIO0_A/2WIRE_RESETA#			NC	
	A10	GND/SB3A		A9	SMRST_N	
	A11	RCLK_Ap/REFCLKA+		B16	GND/SB3A	
	A12	RCLK_An/REFCLKA-		B15	REFCLK_0_P	
	A13	GND		B14	REFCLK_0_N	P1
	A14	PERp2/Rx2+		B13	GND	
	A15	PERn2/Rx2-		A25	GND	
	A16	GND		A24	PERp2/Rx2+	
	A17	PERp3/Rx3+		A23	PERn2/Rx2-	
	A18	PERn3/Rx3-		A22	GND	
	A19	GND		A28	GND	
	A20	PERp4/Rx4+		A27	PERp3/Rx3+	
	A21	PERn4/Rx4-		A26	PERn3/Rx3-	
	A22	GND		A25	GND	
	A23	PERp5/Rx5+		A19	GND	
	A24	PERn5/Rx5-		A18	PERp0/Rx0+	
	A25	GND		A17	PERn0/Rx0-	
	A26	FLEXIO1_A/BP_TYPEB		A16	GND	
	A27	FLEXIO2_A/2WIRE_RESETB#		A22	GND	
	A28	GND/SB3B		A21	PERp1/Rx1+	
	A29	FLEXIO7_A/REFCLKB+		A20	PERn1/Rx1-	
	A30	FLEXIO8_A/REFCLKB-		A19	GND	
	A31	GND			NC	
	A32	PERp6/Rx6+		A9	SMRST_N	
	A33	PERn6/Rx6-		B16	GND/SB3A	
	A34	GND		B15	REFCLK_0_P	
	A35	PERp7/Rx7+		B14	REFCLK_0_N	
	A36	PERn7/Rx7-		B13	GND	
	A37	GND		A25	GND	

REVSIONS					
ECN NO.	REV.	DESCRIPTIONS	CHECKED	APPROVED	DATE
xxx	10	CORRECT LABE INFORMATION	Wei, Chang	Wei, Chang	01/20/2025
xxx	11	UPDATE DRAWING	Wei, Chang	Wei, Chang	01/24/2025
xxx	12	UPDATE THE INFORMATION	Wei, Chang	Ihung, Lee	03/03/2025



QUALITY SYMBOLS
MAJOR Ⓢ
CRITICAL Ⓢ

GENERAL TOLERANCES (UNLESS SPECIFIED)
.X ±0.5
.X ±0.25
.XX ±0.15
.XXX ±0.1
ANGLES ±2°

DRAWN BY
Rex, Huang
25'/03/03

CHECKED BY
Hung, Lee
25'/03/03

APPROVED BY
Hung, Lee
25'/03/03

DATE
25'/03/03

DATE
25'/03/03

DATE
25'/03/03

UNITS
mm

SCALE
1 : 2

SHEET NO.
2 OF 3

REV
12

genesis
connected solutions

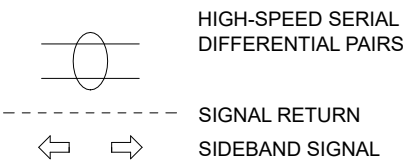
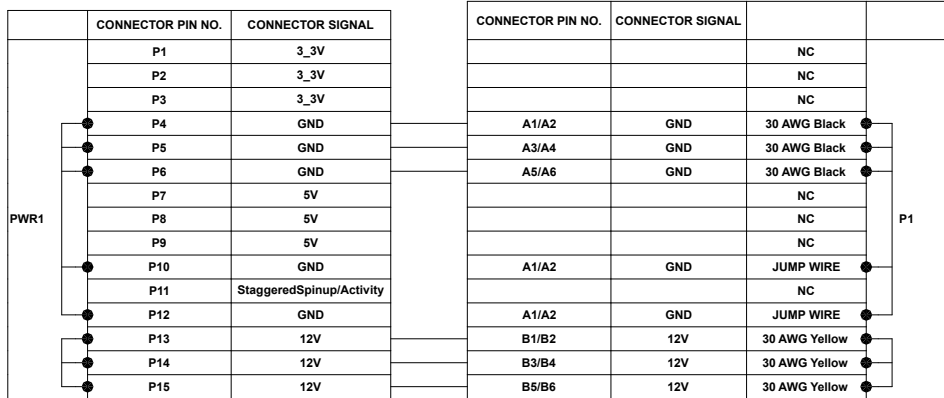
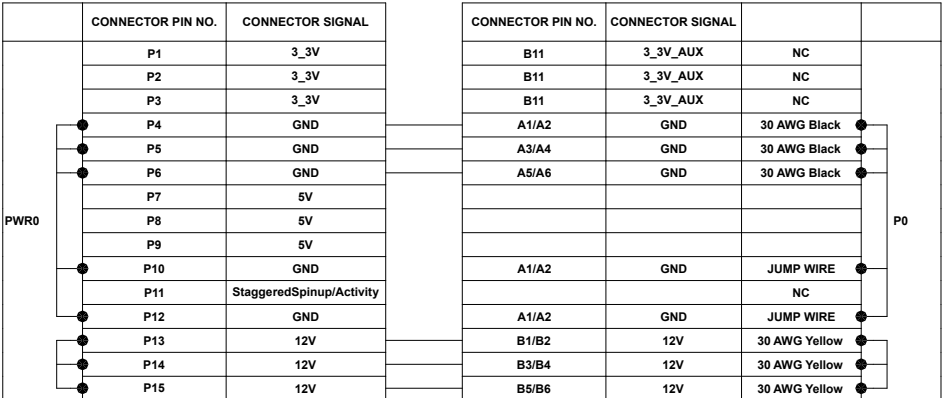
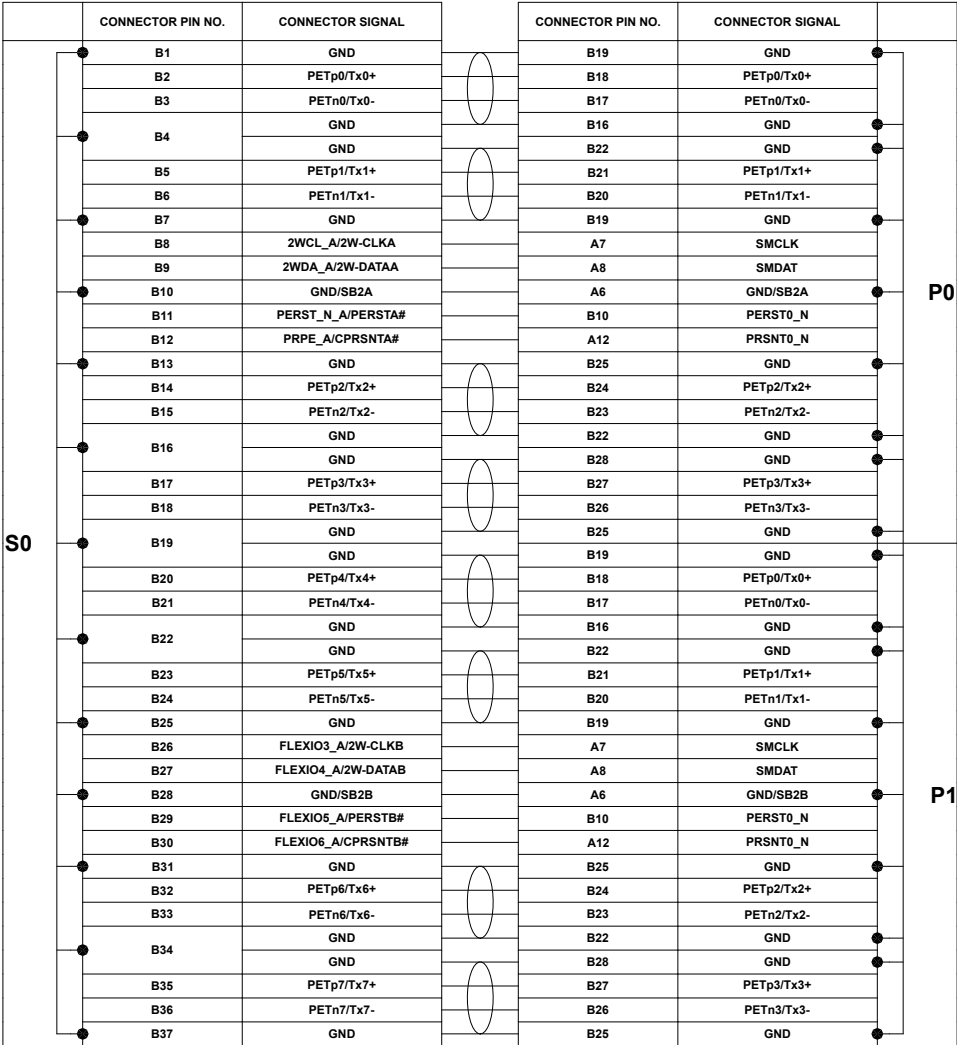
TITLE
MCIO 74P ST TO 2xEDSFF 1C
_L=1.0M&2xSTAT_L=10CM

SIZE
A4

GENESIS NO.
320-10806-01

ACES NO.
6H6210B2B11

REVISIONS					
ECN NO.	REV.	DESCRIPTIONS	CHECKED	APPROVED	DATE
xxx	10	CORRECT LABE INFORMATION	Wei, Chang	Wei, Chang	01/20/2025
xxx	11	UPDATE DRAWING	Wei, Chang	Wei, Chang	01/24/2025
xxx	12	UPDATE THE INFORMATION	Wei, Chang	lhung, Lee	03/03/2025



QUALITY SYMBOLS MAJOR Ⓢ CRITICAL Ⓢ	DRAWN BY Rex, Huang	DATE 25'/03/03	genesis connected solutions	
	CHECKED BY lhung, Lee	DATE 25'/03/03		
	APPROVED BY lhung, Lee	DATE 25'/03/03		
	TITLE MCIO 74P ST TO 2xEDSFF 1C _L=1.0M&2xSTAT_L=10CM			
GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 .X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	UNITS mm		SIZE A4	GENESIS NO. 320-10806-01
	SCALE 1 : 2	SHEET NO. 3 OF 3	REV 12	ACES NO. 6H6210B2B11