



发行版本 Revision	修改内容 Description	制图 Drawing	日期 Date
R1.0	First release	FSH	2024.06.17

A

B

C

D

E

A

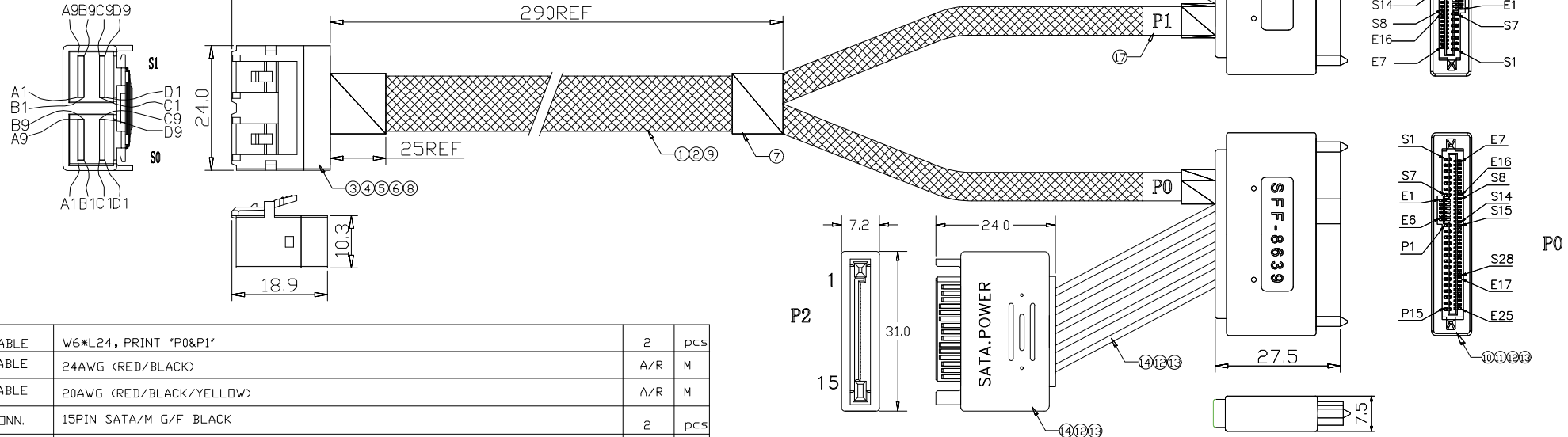
B

C

D

E

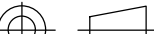
500±20



NO.	NAME	MATERIAL DESCRIPTION	Q'TY	UNIT
	LABLE	W6*L24, PRINT "P0&P1"	2	pcs
⑬	CABLE	24AWG (RED/BLACK)	A/R	M
⑮	CABLE	20AWG (RED/BLACK/YELLOW)	A/R	M
⑭	CONN.	15PIN SATA/M G/F BLACK	2	pcs
⑬	MOLDING	45P PVC BLACK	A/R	KG
⑫	MOLDING	LDPE,NATURAL	A/R	KG
⑪	CONN	SAS 68P/F PIN:AU 15u BLACK	2	PCS
⑩	PCB	MINISAS 68P PCB, FR4, 88±8 ohm	2	PCS
⑨	EXPANDD	PET BALCK DD: 10mm	A/R	M
⑧	MOLDING	PA646	A/R	KG
⑦	ACETATE TAPE	W=25±5mm	A/R	M
⑥	PCB	MINI SAS HD 4I PCB(A/B),FR4,PIN:AU 15u&30u,100±10 ohm	2	PCS
⑤	PCB	MINI SAS HD 4I PCB(C/D),FR4,PIN:AU 15u&30u,100±10 ohm	2	PCS
④	COVER	MINI SAS HD 8I COVER, PC BLACK	1	PCS
③	HOUSING	MINI SAS HD 8I HOUSING, PC BLACK	1	PCS
②	CABLE	30AWG CABLE	A/R	M
①	CABLE	(30AWG*2C+2d)*AI+MYLAR,DD:0.97*2.17MM,100±10 ohm	A/R	M



RENHOTEC GROUP

客户料号 Cus' P/N		图 号 Drawing No		RHT-726-5006		品 名 Name	HD MINI SAS SFF-8643 8i 72P to U. 2 2SFF-8639 15P+Power		
未注公差 Unless Otherwise Specified			单 位 Unit	mm	版 本 Revision	R1.0	图纸确认 APPROVAL		日期 Date
线性 Linear	0.5~6	±0.2	比例 Scale	—			绘 图 Drawing	FSH	2024.06.17
	>6~30	±0.3					审 核 Checked	Jason	2024.06.17
	>30	±0.5							
角度Angles	±3°		页 码 Page	1 / 2			Third Angle Projection		客户确认 Customer Approved



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CONNECTOR SIGNAL	CONNECTOR	PAD	CONNECTOR	SFF-8639 DIRECT	CONNECTOR SIGNAL
GND	SI	D9	PI	SI9	GND
SI_TX2-		D8	PI	SI8	PI_TX1-
SI_TX2+		D7	PI	SI7	PI_TX1+
GND		D6	P0,PI	P0-SI9, PI-SI6	GND
SI_TX0-		D5	P0	SI8	P0_TX1-
SI_TX0+		D4	P0	SI7	P0_TX1+
GND		D3	P0	SI6	GND
SI_SB6		D2	PI	P4	PI_SB6
SI_SB5		D1	PI	E8	PI_SB5
SI_SB4		C1	PI	E7	PI_SB4
SI_SB2		C2	PI	E5	PI_SB2
GND		C3	P0	E16	GND
SI_TX1+		C4	P0	E17	P0_TX3+
SI_TX1-		C5	P0	E18	P0_TX3-
GND		C6	P0,PI	P0-E19, PI-E16	GND
SI_TX3+		C7	PI	E17	PI_TX3+
SI_TX3-		C8	PI	E18	PI_TX3-
GND		C9	PI	E19	GND
GND		B9	PI	SI9	GND
SI_RX2-		B8	PI	S20	PI_RX1-
SI_RX2+		B7	PI	S21	PI_RX1+
GND		B6	P0,PI	P0-SI9, PI-S22	GND
SI_RX0-		B5	P0	S20	P0_RX1-
SI_RX0+		B4	P0	S21	P0_RX1+
GND		B3	P0	S22	GND
SI_SBI		B2	PI	E24	PI_SBI
SI_SB3		B1	PI	P5	GND
SI_SB7		A1			PI_SB7
SI_SB0		A2	PI	E23	PI_SB0
GND		A3	P0	E22	GND
SI_RX1+		A4	P0	E21	P0_RX3+
SI_RX1-		A5	P0	E20	P0_RX3-
GND		A6	P0,PI	P0-E19, PI-E22	GND
SI_RX3+		A7	PI	E21	PI_RX3+
SI_RX3-		A8	PI	E20	PI_RX3-
GND		A9	PI	E19	GND

CONNECTOR SIGNAL	CONNECTOR	PAD	CONNECTOR	SFF-8639 DIRECT	CONNECTOR SIGNAL
GND	SO	D9	PI	E12	GND
SO_TX2-		D8	PI	E11	PI_TX0-
SO_TX2+		D7	PI	E10	PI_TX0+
GND		D6	P0,PI	P0-E12, PI-E9	GND
SO_TX0-		D5	P0	E11	P0_TX0-
SO_TX0+		D4	P0	E10	P0_TX0+
GND		D3	P0	E9	GND
SO_SB6		D2	P0	P4	P0_SB6
SO_SB5		D1	P0	E8	P0_SB5
SO_SB4		C1	P0	E7	P0_SB4
SO_SB2		C2	P0	E5	P0_SB2
GND		C3	P0	S22	GND
SO_TX1+		C4	P0	S23	P0_TX2+
SO_TX1-		C5	P0	S24	P0_TX2-
GND		C6	P0,PI	P0-S25, PI-S22	GND
SO_TX3+		C7	PI	S23	PI_TX2+
SO_TX3-		C8	PI	S24	PI_TX2-
GND		C9	PI	S25	GND
GND		B9	PI	E12	GND
SO_RX2-		B8	PI	E13	PI_RX0-
SO_RX2+		B7	PI	E14	PI_RX0+
GND		B6	P0,PI	P0-E12, PI-E15	GND
SO_RX0-		B5	P0	E13	P0_RX0-
SO_RX0+		B4	P0	E14	P0_RX0+
GND		B3	P0	E15	GND
SO_SBI		B2	P0	E24	P0_SBI
SO_SB3		B1	P0	P5	GND
SO_SB7		A1			P0_SB7
SO_SB0		A2	P0	E23	P0_SB0
GND		A3	P0	S28	GND
SO_RX1+		A4	P0	S27	P0_RX2+
SO_RX1-		A5	P0	S26	P0_RX2-
GND		A6	P0,PI	P0-S25, PI-S28	GND
SO_RX3+		A7	PI	S27	PI_RX2+
SO_RX3-		A8	PI	S26	PI_RX2-
GND		A9	PI	S25	GND

P0/P1	E3	P1	P2	P3	P4	P5	P6	P7	P8	P9			P12	P13	P14	P15
P2/P3	P1P2P3					P4P5P6		P7P8P9					P10P11P12		P13P14P15	
SYMBOL	3.3V					GND		5V					GND		12V	
WIRE AWG	24AWG					20AWG		20AWG					24AWG		20AWG	

NOTE:
1.100%OPEN&SHORT TESTIGN,
2.INSULATION RESISTANCE 10M Ωhm MIN DC300V
3.CONDUCTIVE RESISTANCE: 2 Ωhm MAX



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