

Materials:

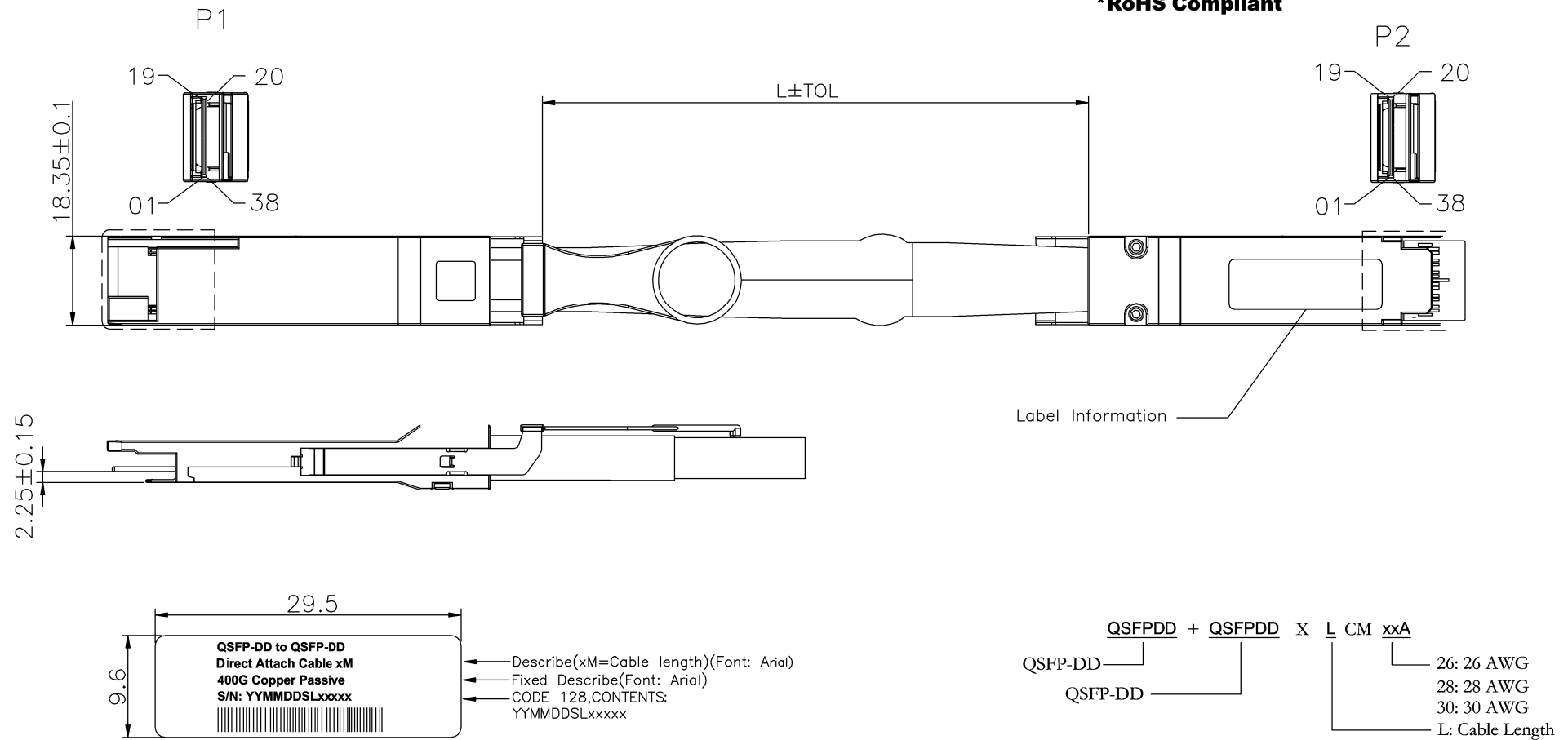
Back/TOP Shells: Nickel Plated Zinc Alloy.

PCB: FR-4.

Pull Latch: Nylon.(Color: Sky Blue Pantone Black)

Rivets: Aluminum Alloy.

Cable: Twinax Cable.

IMPEDANCE:Cable: 100 ± 5 Ohms Differential.Connector: 100 ± 10 Ohms Differential.**This Product Used IEEE802.3bj 200G / IEEE802.3cd
400G Spec Standard EEPROM Data*****RoHS Compliant**

SN:YYMMDDSLxxxxx

Serial number

YYMMDD, YY: 19 (2019)、20 (2020)、21 (2021).....

MM: (Month)

DD: (Date)

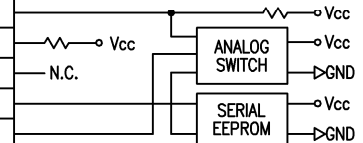
Dwg. No.	S2220200203-03	Part No.	QSFPDD+QSFPDDXLCMxxA	 OUPIIN ENTERPRISE CO. LTD.	
Projection		Title:	QSFP-DD to QSFP-DD Cable Assembly		
Unit mm	Scale	1:1	①679 Date rate 400G	SHEET	1/2
Drawn By	Jerry 06/12'20			Ver. No.	X2

WIRING DIAGRAM

HIGH SPEED SIGNAL				
P1(QSFP-DD)			P2(QSFP-DD)	
PAD	SIGNAL		PAD	SIGNAL
02	IX2n	II	21	RX2n
03	TX2p	II	22	RX2p
05	TX4n	II	24	RX4n
06	TX4p	II	25	RX4p
14	RX3p	II	33	TX3p
15	RX3n	II	34	TX3n
17	RX1p	II	36	TX1p
18	RX1n	II	37	TX1n
21	RX2n	II	02	TX2n
22	RX2p	II	03	TX2p
24	RX4n	II	05	TX4n
25	RX4p	II	06	TX4p
33	TX3p	II	14	RX3p
34	TX3n	II	15	RX3n
36	TX1p	II	17	RX1p
37	TX1n	II	18	RX1n
GND GROUP	GND		GND GROUP	GND
GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38 39,42,45,51,54,57 58,61,64,70,73,76			GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38 39,42,45,51,54,57 58,61,64,70,73,76	
CONNECTOR SHELL			CONNECTOR SHELL	

HIGH SPEED SIGNAL					
P1(QSFP-DD)			P2(QSFP-DD)		
PAD	SIGNAL		PAD	SIGNAL	
40	TX6n	II	59	RX6n	
41	TX6p	II	60	RX6p	
43	TX8n	II	62	RX8n	
44	TX8p	II	63	RX8p	
52	RX7p	II	70	TX7p	
53	RX7n	II	72	TX7n	
55	RX5p	II	74	TX5p	
56	RX5n	II	75	TX5n	
59	RX6n	II	40	TX6n	
60	RX6p	II	41	TX6p	
62	RX8n	II	43	TX8n	
63	RX8p	II	44	TX8p	
71	TX7p	II	52	RX7p	
72	TX7n	II	53	RX7n	
74	TX5p	II	55	RX5p	
75	TX5n	II	56	RX5n	
GND GROUP	GND		GND GROUP	GND	
GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38 39,42,45,51,54,57 58,61,64,70,73,76			GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38 39,42,45,51,54,57 58,61,64,70,73,76		
CONNECTOR SHELL			CONNECTOR SHELL		

LOW SPEED SIGNAL & POWER	
P1,P2(QSFP-DD)	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	InitMode
46	Reserved
47	Vs1
48	VccRx1
49	Vs2
50	Vs3
65	NC
66	Reserved
67	VccTx1
68	Vcc2
69	Reserved



*DC BLOCKING CAPS ON P1,P2 RX END.

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Unit mm	Scale	1:1	① 679	Date rate 400G	
Drawn By	Jerry	06/12'20			
SHEET	2/2	Ver. No.	X2		