

8	7	6	5	4	3	2	1	
CUSTOMER DRAWING	PRELIMINARY			REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
				A1	INITIAL RELEASE	ZHIMING GUI	RONGZHE GUO	2026.06.22

P EP 120 - 7 5 20 - X0 0 - 1 H

OSFP

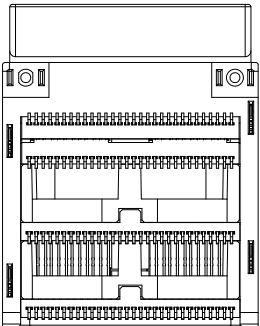
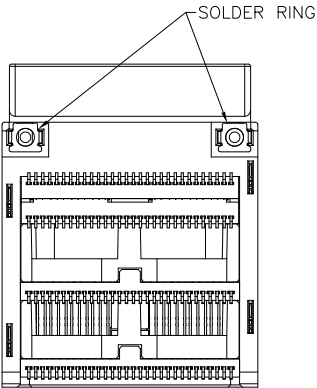
PIN NUMBER

PLATING OPTION:
2 = 10u" Au
3 = 15u" Au
5 = 30u" Au
6 = 50u" Au

CUSTOMER CODE

PACKAGING:
1=TAPE REEL
0=TRAY

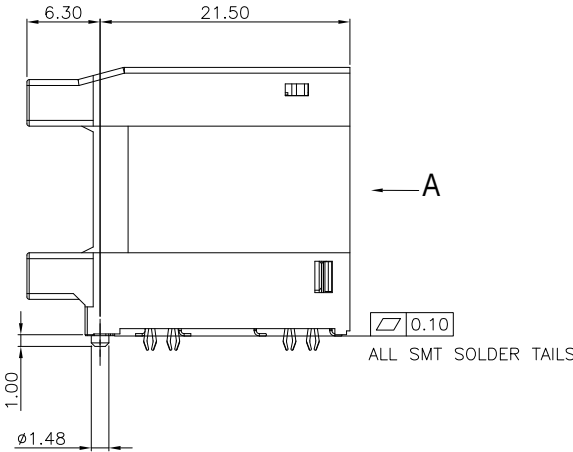
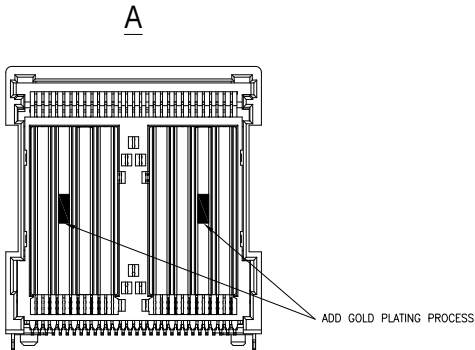
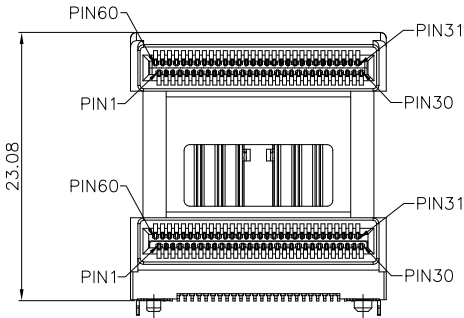
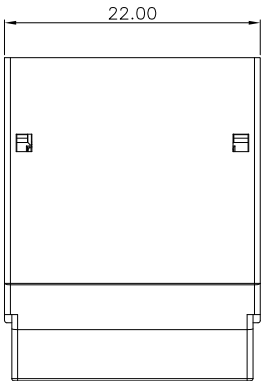
ENVIRONMENTAL:
H=HALOGEN FREE
R=RoHS FREE
S=Sony GP



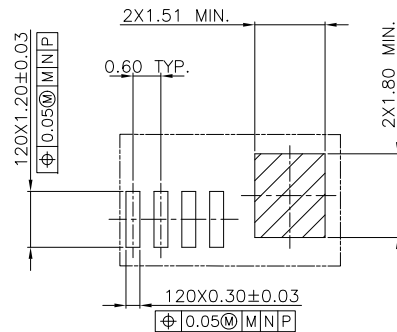
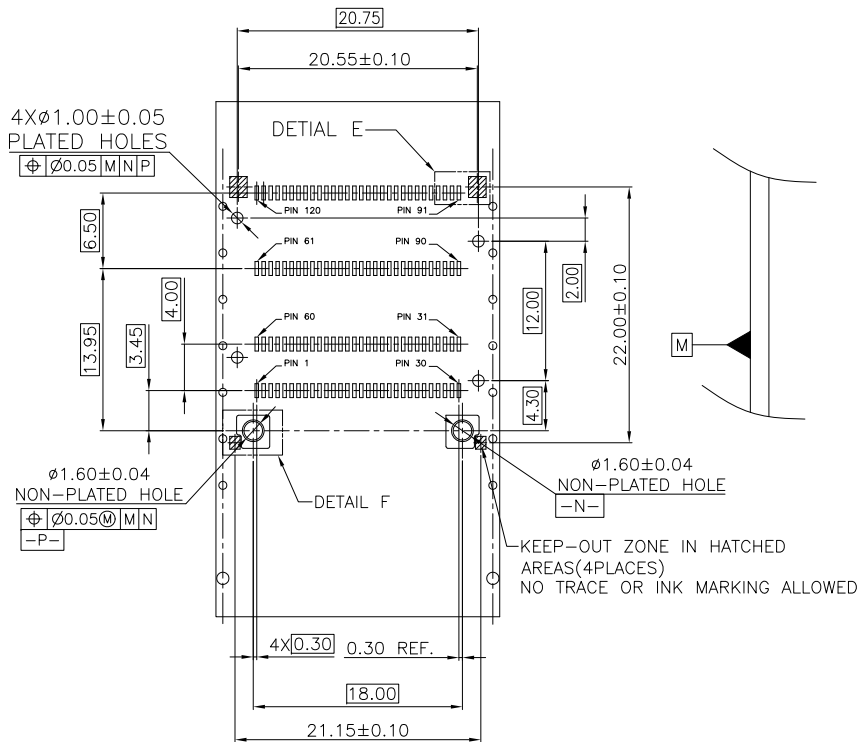
PART NUMBER	DESCRIPTION
PEP120-7520-100-1H	WITHOUT SOLDER RING
PEP120-7520-000-1H	WITH SOLDER RING

NOTES:

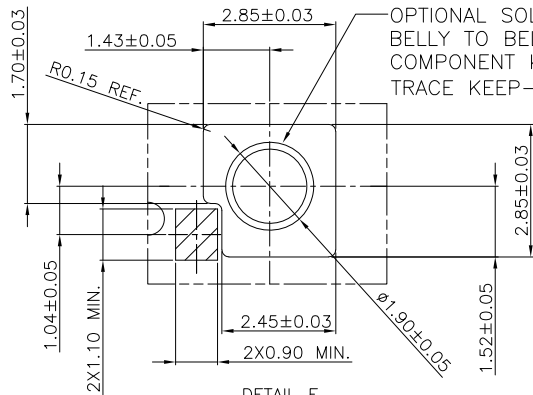
- MATERIAL:
HOUSING AND INSERT MOLDING: LCP UL94V-0.
TERMINALS: COPPER ALLOY
- FINISH:
TERMINALS CONTACT AREA: GOLD OVER NICKEL.
COMPLIANT TAIL: MATTE TIN OVER NICKEL.
- THIS PART MEETS THE RESTRICTION OF HAZARDOUSSUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2011/65/EU).
- FOR DETAILED PRODUCT SPECIFICATIONS, PLEASE REFER TO THE PRODUCT SPEC. SHEET.
- FOR APPLICATION SPECIFICATIONS , PLEASE REFER TO THE APPLICATION SPEC. SHEET.



X.± 1	X.°±	PART NO.: PEP120-7520-X00-1H	LUXSHARETECH		
.X± 0.3	.X°±		CUSTOMER P/N: N/A		
.XX± 0.20	.XX°±	TITLE: OSFP CONNECTOR, 112G PAM4, 2X1	DWG NO: PEP120-7520-000-1H		
.XXX± 0.100	.XXX°±			SCALE	SHEET
UNITS:	mm	APPD: RONGZHE GUO 2026.06.22		1:1	1/2
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARETECH AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARETECH		CHKD: HENGSHAN CHENG 2026.06.22	REV.		
		DRAW: ZHIMING GUI 2026.06.22	A1		



DETAIL E
SCALE 4:1



DETAIL F
SCALE 4:1

THE CONTACTS OF GND ARE CONNECTED BY METALS (4PLACES).

PIN ASSIGNMENTS

PIN No.	Deification	PIN No.	Deification
1	GND	60	GND
2	TX2p	59	TX1p
3	TX2n	58	TX1n
4	GND	57	GND
5	TX4p	56	TX3p
6	TX4n	55	TX3n
7	GND	54	GND
8	TX6p	53	TX5p
9	TX6n	52	TX5n
10	GND	51	GND
11	TX8p	50	TX7p
12	TX8n	49	TX7n
13	GND	48	GND
14	SCL	47	SDA
15	VCC	46	VCC
16	VCC	45	VCC
17	LPWn/PRSn	44	INT/RSTn
18	GND	43	GND
19	RX7n	42	RX8n
20	RX7p	41	RX8p
21	GND	40	GND
22	RX5n	39	RX6n
23	RX5p	38	RX6p
24	GND	37	GND
25	RX3n	36	RX4n
26	RX3p	35	RX4p
27	GND	34	GND
28	RX1n	33	RX2n
29	RX1p	32	RX2p
30	GND	31	GND

X.± 1	X.°±
.X± 0.3	.X°±
.XX± 0.20	.XX°±
.XXX± 0.100	.XXX°±
UNITS:	mm

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PART NO.:
PEP120-7520-X00-1H

TITLE:
OSFP CONNECTOR, 112G PAM4, 2X1

APPD: RONGZHE GUO 2026.06.22

CHKD: HENGSHAN CHENG 2026.06.22

DRAW: ZHIMING GUI 2026.06.22

LUXSHARETECH

CUSTOMER P/N:
N/A

DWG NO:
PEP120-7520-000-1H

SCALE	SHEET	REV.
1:1	2/2	A1