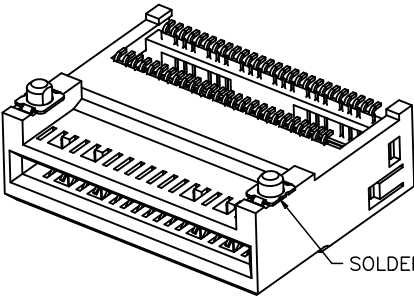
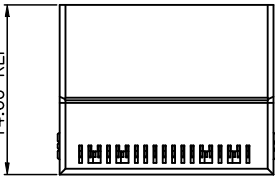
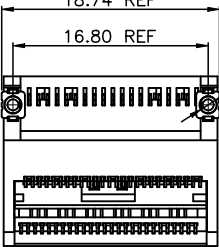
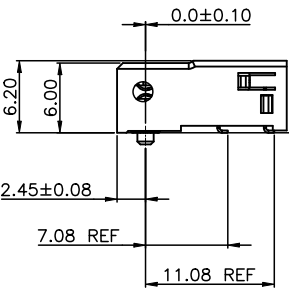
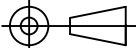
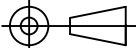
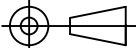
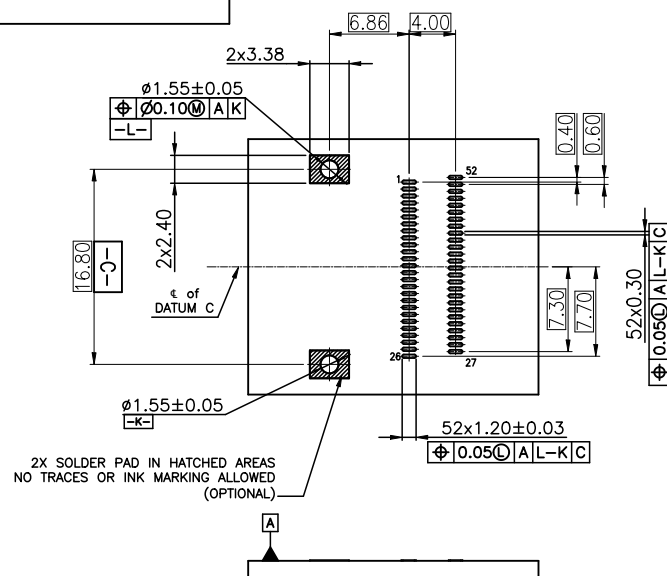
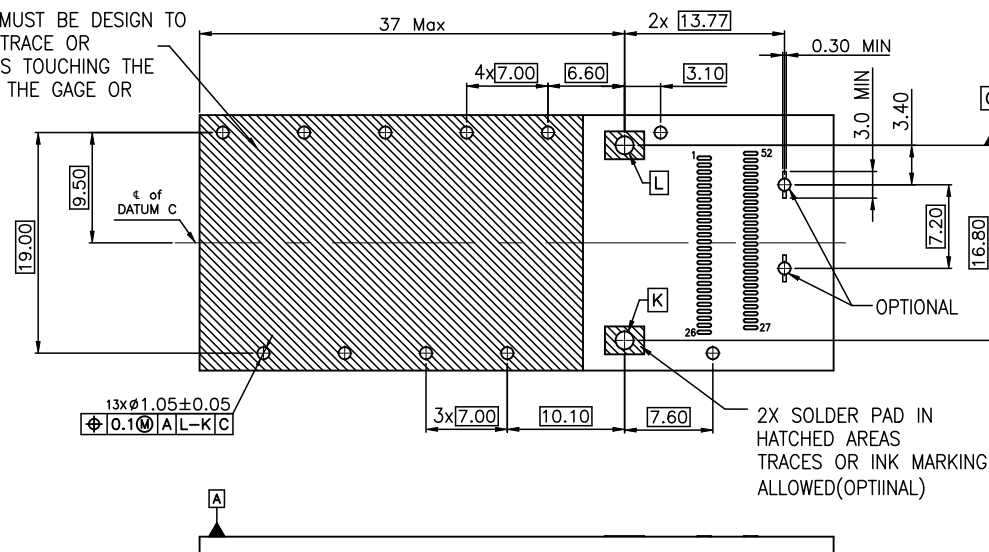


8	7	6	5	4	3	2	1																																										
CUSTOMER DRAWING	PRELIMINARY			REV.	DESCRIPTION	DESIGN	APPROVAL	DATE																																									
				A1	INITIAL RELEASE	ZHIMING GUI	RONGZHE GUO	2026.06.18																																									
P QP 038 - 7 5 3 X - 001 - 1 H QSFP 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  SOLDER RING <table><thead><tr><th>PART NUMBER</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>PQP038-7530-001-1H</td><td>WITH SOLDER RING</td></tr><tr><td>PQP038-7531-001-1H</td><td>WITHOUT SOLDER RING</td></tr></tbody></table> NOTES: 1. MATERIAL: HOUSING AND INSERT MOLDING: LCP UL94V-0. TERMINALS: COPPER ALLOY 2. FINISH: TERMINALS CONTACT AREA: PLATED GOLD 30u" ON CONTACT AREA, MATTE TIN ON SOLDER AREA OVER NICKEL. COMPLIANT TAIL: MATTE TIN OVER NICKEL. 3. THIS PART MEETS THE RESTRICTION OF HAZARDOUSSUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2011/65/EU). 4. FOR DETAILED PRODUCT SPECIFICATIONS, PLEASE REFER TO THE PRODUCT SPEC. SHEET. 5. FOR APPLICATION SPECIFICATIONS , PLEASE REFER TO THE APPLICATION SPEC. SHEET. 14.60 REF  1.10 MIN 18.40±0.10 16.53±0.03 Pin38 Pin20 Pin1 Pin19 AA BB 18.74 REF 16.80 REF 2XØ1.45±0.03 Ø 0.08 BB AA  0.0±0.10 6.20 6.00 2.45±0.08 7.08 REF 11.08 REF Ø 0.10 ALL SMT TAILS  <table><thead><tr><th>X:± 1</th><th>X.°± 3</th><th>PART NO.:</th><th colspan="3">LUXSHARETECH</th></tr></thead><tbody><tr><td>.X± 0.3</td><td>.X°± 2.5</td><td>PQP038-753X-001-1H</td><td colspan="3" rowspan="2">CUSTOMER P/N: N/A</td></tr><tr><td>.XX± 0.20</td><td>.XX°± 1.5</td><td>TITLE: QSFP CONNECTOR, 224G PAM4, 1X1</td></tr><tr><td>.XXX± 0.100</td><td>.XXX°± 0.5</td><td>APPD: RONGZHE GUO 2026.06.18</td><td colspan="3" rowspan="2">DWG NO: PQP038-753X-001-1H</td></tr><tr><td>UNITS:</td><td>mm</td><td>CHKD: HENGSHAN CHENG 2026.06.18</td></tr><tr><td colspan="2" rowspan="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</td><td>DRAW: ZHIMING GUI 2026.06.18</td><td></td><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td></td><td>1:1</td><td>1/2</td><td>A</td></tr></tbody></table>									PART NUMBER	DESCRIPTION	PQP038-7530-001-1H	WITH SOLDER RING	PQP038-7531-001-1H	WITHOUT SOLDER RING	X:± 1	X.°± 3	PART NO.:	LUXSHARETECH			.X± 0.3	.X°± 2.5	PQP038-753X-001-1H	CUSTOMER P/N: N/A			.XX± 0.20	.XX°± 1.5	TITLE: QSFP CONNECTOR, 224G PAM4, 1X1	.XXX± 0.100	.XXX°± 0.5	APPD: RONGZHE GUO 2026.06.18	DWG NO: PQP038-753X-001-1H			UNITS:	mm	CHKD: HENGSHAN CHENG 2026.06.18	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		DRAW: ZHIMING GUI 2026.06.18		SCALE	SHEET	REV.		1:1	1/2	A
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			1:1	1/2	A																																												

CUSTOMER DRAWING



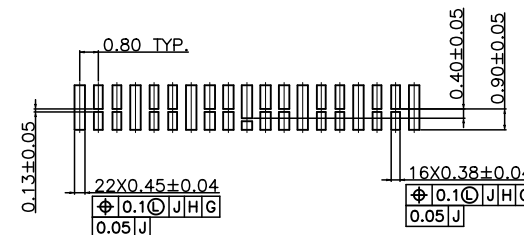
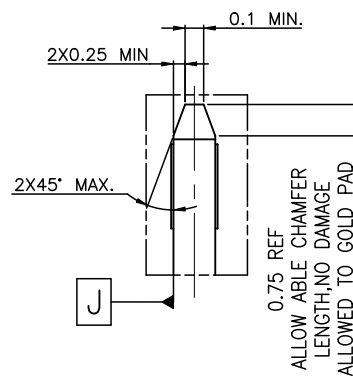
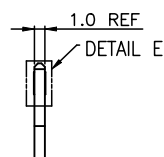
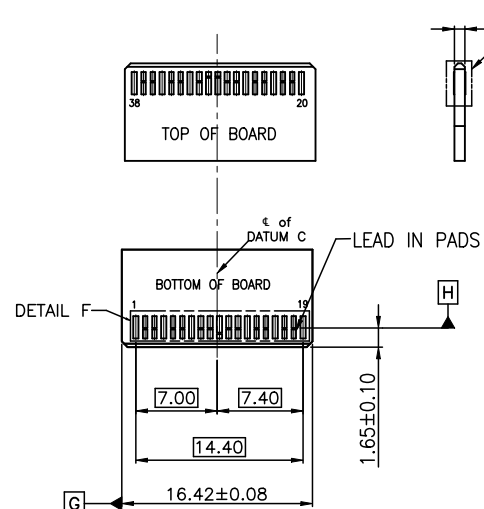
THIS AREA MUST BE DESIGN TO
AVOID ANY TRACE OR
COMPONENTS TOUCHING THE
BOTTOM OF THE GAGE OR
CONNECTOR

Footprint Pin Assignment:

PIN NO.	ASSIGNMENT	PIN NO.	ASSIGNMENT
PIN1	GND	PIN52	GND
PIN2	GND	PIN51	GND
PIN3	TX2N	PIN50	TX1N
PIN4	TX2P	PIN49	TX1P
PIN5	GND	PIN48	GND
PIN6	GND	PIN47	GND
PIN7	TX4N	PIN46	TX3N
PIN8	TX4P	PIN45	TX3P
PIN9	GND	PIN44	GND
PIN10	GND	PIN43	GND
PIN11	ModSEL	PIN42	LPMODE
PIN12	ResetL	PIN41	Vcc1
PIN13	VccRx	PIN40	VccTx
PIN14	VccRxl	PIN39	VccTx
PIN15	SCL	PIN38	IntL
PIN16	SDA	PIN37	ModPrsL
PIN17	GND	PIN36	GND
PIN18	GND	PIN35	GND
PIN19	RX3P	PIN34	RX4P
PIN20	RX3N	PIN33	RX4N
PIN21	GND	PIN32	GND
PIN22	GND	PIN31	GND
PIN23	RX1P	PIN30	RX2P
PIN24	RX1N	PIN29	RX2N
PIN25	GND	PIN28	GND
PIN26	GND	PIN27	GND

PCB LAYOUT FOR CONNECTOR

PCB LAYOUT FOR CAGE



Mating Pin Assignment:

PIN NO.	ASSIGNMENT	PIN NO.	ASSIGNMENT
PIN1	GND	PIN20	GND
PIN2	TX2N	PIN21	RX2N
PIN3	TX2P	PIN22	RX2P
PIN4	GND	PIN23	GND
PIN5	TX4N	PIN24	RX4N
PIN6	TX4P	PIN25	RX4P
PIN7	GND	PIN26	GND
PIN8	ModSel	PIN27	ModPrsL
PIN9	ResetL	PIN28	IntL
PIN10	VccRx	PIN29	VccTx
PIN11	SLC	PIN30	Vcc1
PIN12	SDA	PIN31	LPMoDe
PIN13	GND	PIN32	GND
PIN14	RX3P	PIN33	TX3P
PIN15	RX3N	PIN34	TX3N
PIN16	GND	PIN35	GND
PIN17	RX1P	PIN36	TX1P
PIN18	RX1N	PIN37	TX1N
PIN19	GND	PIN38	GND

X.± 1	X.°± 3
.X± 0.3	.X°± 2.5
.XX± 0.20	.XX°± 1.5
.XXX± 0.100	.XXX°± 0.5
UNITS:	mm

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PART NO.:
PQP038-753X-001-1H

TITLE:
QSFP CONNECTOR, 224G PAM4, 1X1

APPD: RONGZHE GUO 2026.06.18

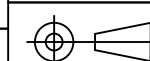
CHKD: HENGSHAN CHENG 2026.06.18

DRAW: ZHIMING GUI 2026.06.18

LUXSHARETECH

CUSTOMER P/N:	N/A
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DWG NO:	PQP038-753X-001-1H
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SCALE	SHEET	REV.
1:1	2/2	A1