

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2025/08/12

SPECIFICATION:

1. ELECTRICAL
 - 1.1 Current Rating: 1A per pin
 - 1.2 Voltage Rating: AC335Vrms
 - 1.3 Contact Resistance: 15mΩ
 - 1.4 Insulation Resistance: 1000MΩ
 - 1.5 Dielectric Withstanding Voltage: 800VAC
 - 1.6 Impedance: 50Ω
 - 1.7 Frequency: 9.0GHz
2. MECHANICAL
 - 2.1 Durability: ≥25 Cycle
 - 2.2 Engagement Force: ≤75N
 - 2.3 Retention Force Latch: ≥110N
 - 2.4 Coding Efficiency: ≥200N
3. ENVIRONMENTAL
 - 3.1 Operating temperature range: -40°C~+105°C
 - 3.2 Storage temperature range: -40°C~+105°C
4. SOLDER ABILITY
 - 4.1 Recommended Wave Soldering Temperature: 260°C

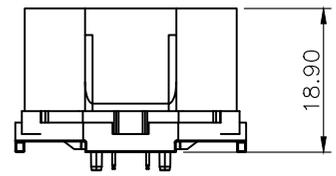
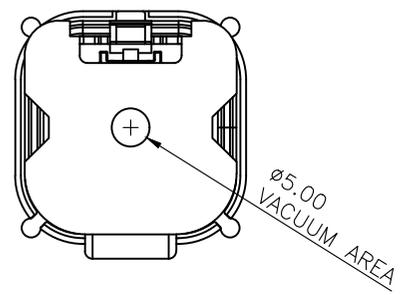
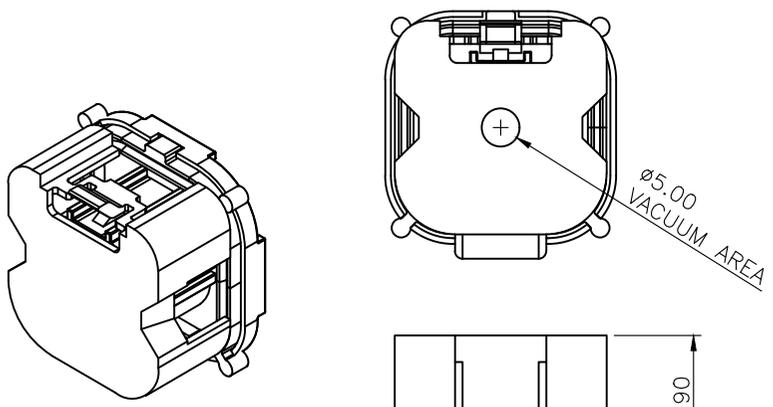
How to order

230D- P S Z 01

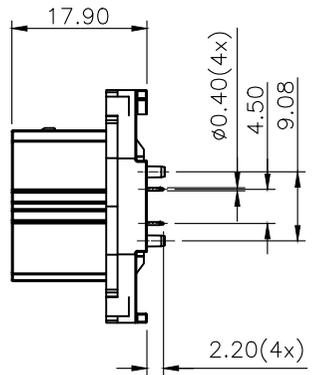
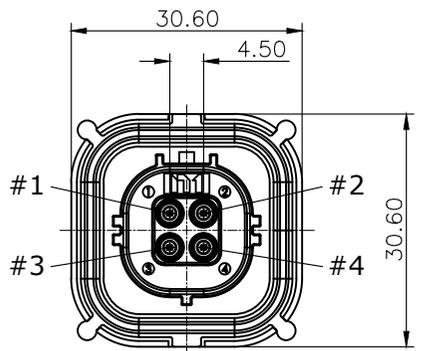
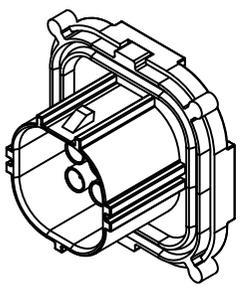
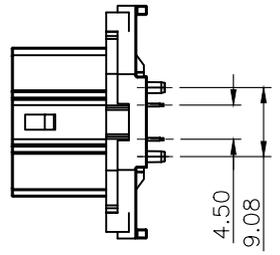
↑ ↑ ↑
 Z: Z Code
 S: Straight
 P: Plug

4	OUTER CNT	Zinc alloy, tin plating over nickel
3	CONTACT	Copper alloy, 6u" gold plating on contact area, tin plating on solder tails, under plating nickel over all
2	INNER HSG	High temperature plastic, black
1	HOUSING	PA

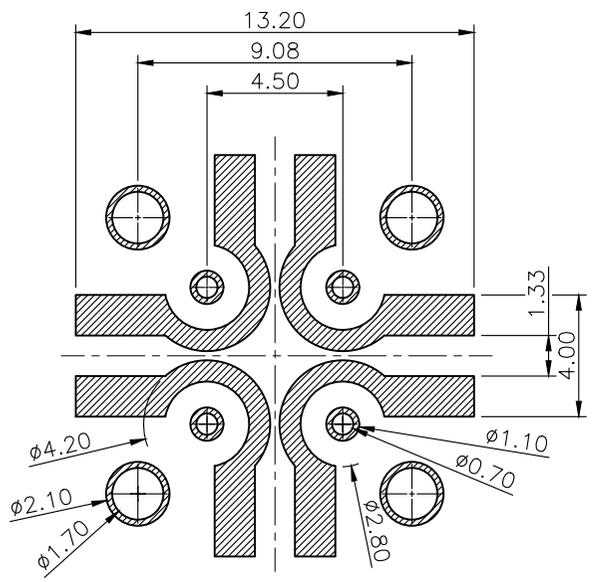
NO.		PART NAME	DESCRIPTION
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°
DRAWN			Fros 2025/08/12
CHECKED			Tim 2025/08/12
APPROVED			Ken 2025/08/12
SCALE			1/1
SHEET			1/3
SIZE			A4
DRAWN NAME:		Mini FAKRA Plug, 2x2 Port, Type A Vertical Type, IP67 (when mated)	
PRODUCT NO.		230D-PSX01	
FILE NAME		230D-PSX01_B_1	

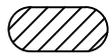


with CAP

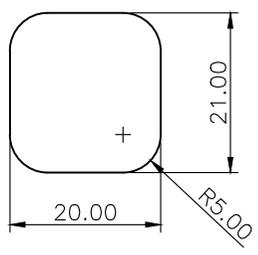


REV.	DESCRIPTION	DRAWN	DATE
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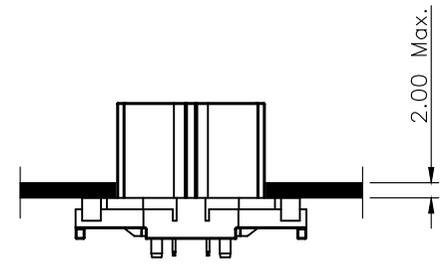
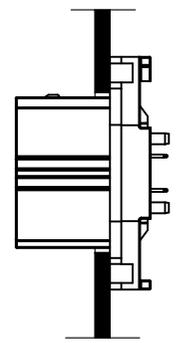
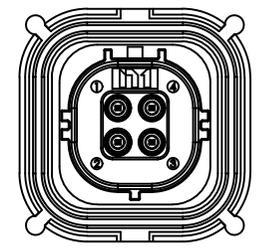


 Solder area

Recommended Layout (top view)
General Tolerance: $\pm 0.05\text{mm}$



Recommended Panel Cut



UNLESS OTHERWISE SPECIFIED TOLERANCE

UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	± 0.50	$\pm 5^\circ$
	X.X	± 0.25	$\pm 3^\circ$
	X.XX	± 0.12	$\pm 1^\circ$

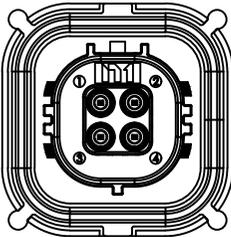
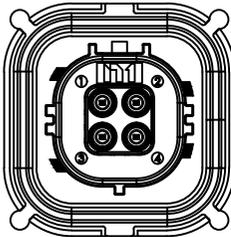
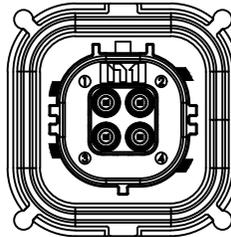
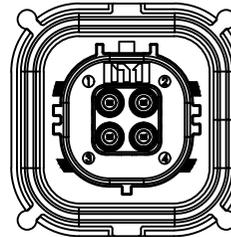
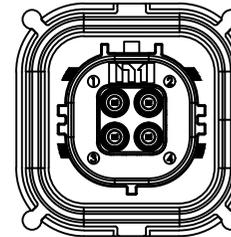
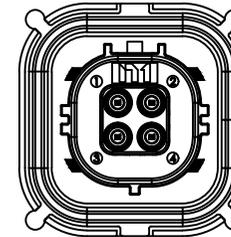
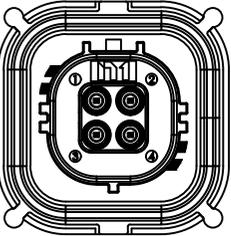
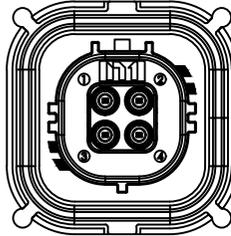
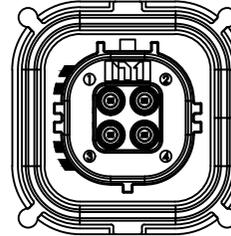
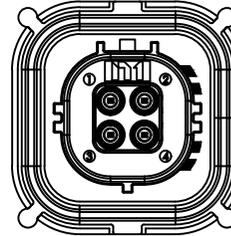
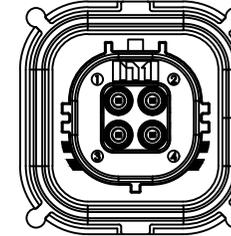
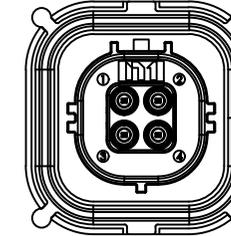


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DRAWN	Fros	2025/08/12
CHECKED	Tim	2025/08/12
APPROVED	Ken	2025/08/12
SCALE	1/1	SHEET 2/3
SIZE	A4	

DRAWN NAME:	Mini FAKRA Plug, 2x2 Port, Type A Vertical Type, IP67 (when mated)
PRODUCT NO.	230D-PSX01
FILE NAME	230D-PSX01_B_1

REV.	DESCRIPTION	DRAWN	DATE
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A	B	C	D	E	F
JET BLACK	PURE WHITE	LIGHT BLUE	CLARET VIOLET	MAY GREEN	NUT BROWN
					
G	H	J	K	N	Z
PLATINUM GREY	LIGHT PINK	BEIGE	CURRY	PASTEL GREEN	WATER BLUE
					

UNLESS OTHERWISE SPECIFIED TOLERANCE

UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°



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DRAWN	Fros	2025/08/12
CHECKED	Tim	2025/08/12
APPROVED	Ken	2025/08/12
SCALE	1/1	SHEET 3/3
SIZE	A4	

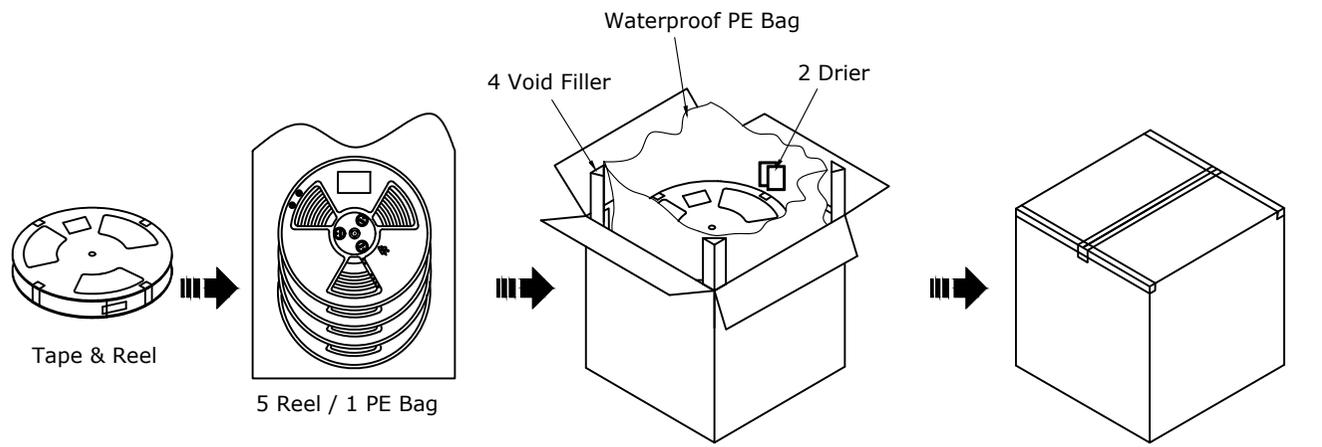
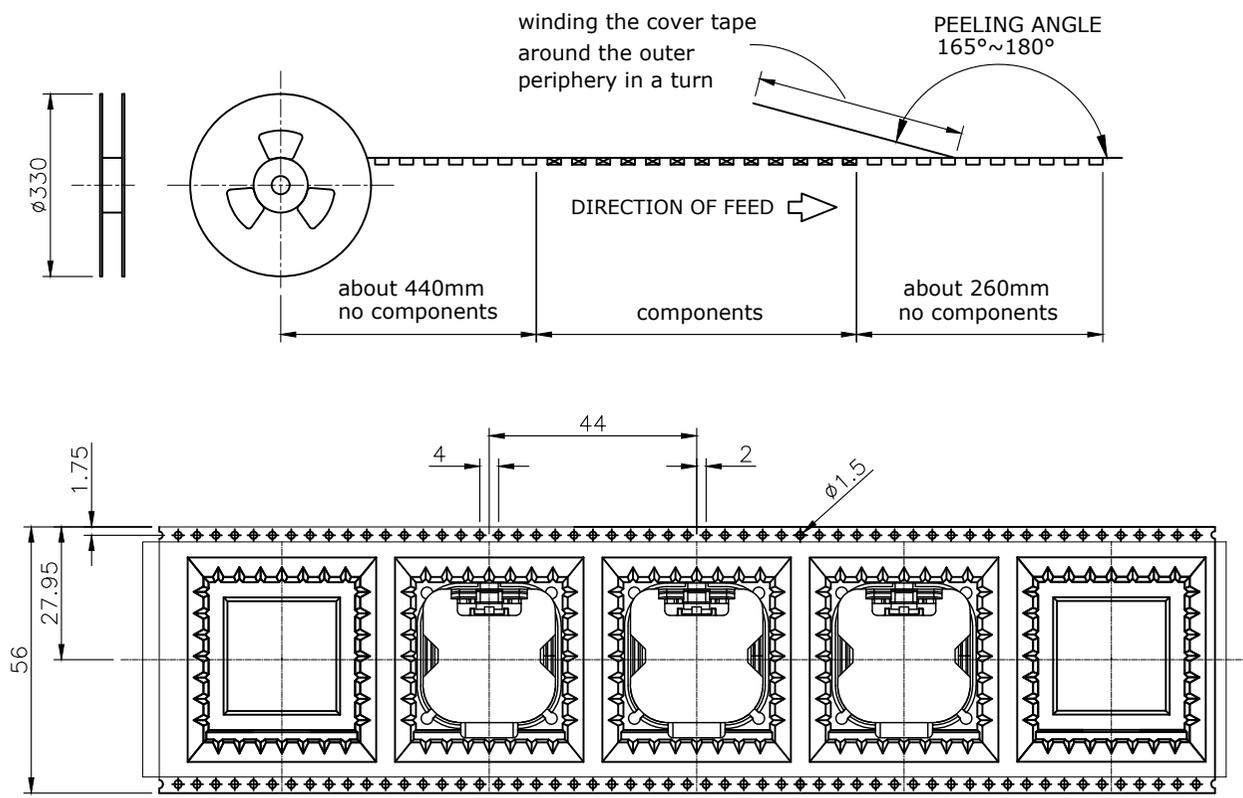
DRAWN NAME:	Mini FAKRA Plug, 2x2 Port, Type A Vertical Type, IP67 (when mated)
PRODUCT NO.	230D-PSX01
FILE NAME	230D-PSX01_B_1



REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2025/08/12

PACKAGING SPECIFICATION:

1. MATERIAL
 - 1.1 Embossed Carrier Tape: PS Black
 - 1.2 Top Cover Tape: PET
20-80g(Peel Speed 300mm/Minute)
 - 1.3 Taping Reel: Plastic
2. PACKING
 - 2.1 Quantity:
55 Piece/Reel
5 Reel/Carton
275 Piece/Carton



UNLESS OTHERWISE SPECIFIED TOLERANCE

UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°



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DRAWN	Fros	2025/08/12
CHECKED	Tim	2025/08/12
APPROVED	Ken	2025/08/12
SCALE	0.625	SHEET 1/1
SIZE	A4	

DRAWN NAME:	Mini FAKRA Plug, 2x2 Port, Type A Vertical Type, IP67 (when mated)
PRODUCT NO.	230D-PSX01
FILE NAME	230D-PSX01_D_1

Carton L*W*H=355*355*340