

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2025/07/29

SPECIFICATION:

1. ELECTRICAL

- 1.1 Impedance: 100Ω
- 1.2 Frequency: DC 2.0 GHz
- 1.3 Return Loss: $\geq 20\text{dB}$ to 1.0 GHz, $\geq 17\text{dB}$ to 2.0 GHz
- 1.4 Insertion Loss: $\leq 0.1\text{ dB}$ at 1.0 GHz
- 1.5 Insulation Resistance: 1000 Min.
- 1.6 Contact Resistance: 10mΩ Max.

2. MECHANICAL

- 2.1 Mating Cycles: ≥ 25 cycles
- 2.2 Engagement force: $\leq 30\text{N}$
- 2.3 Disengagement force: $\geq 5\text{N}$
- 2.4 Retention force latch: $\geq 110\text{ N}$
- 2.5 Coding efficiency: $\geq 80\text{N}$

3. ENVIRONMENTAL

- 3.1 Operating temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$
- 3.2 Storage temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

4. SOLDER ABILITY

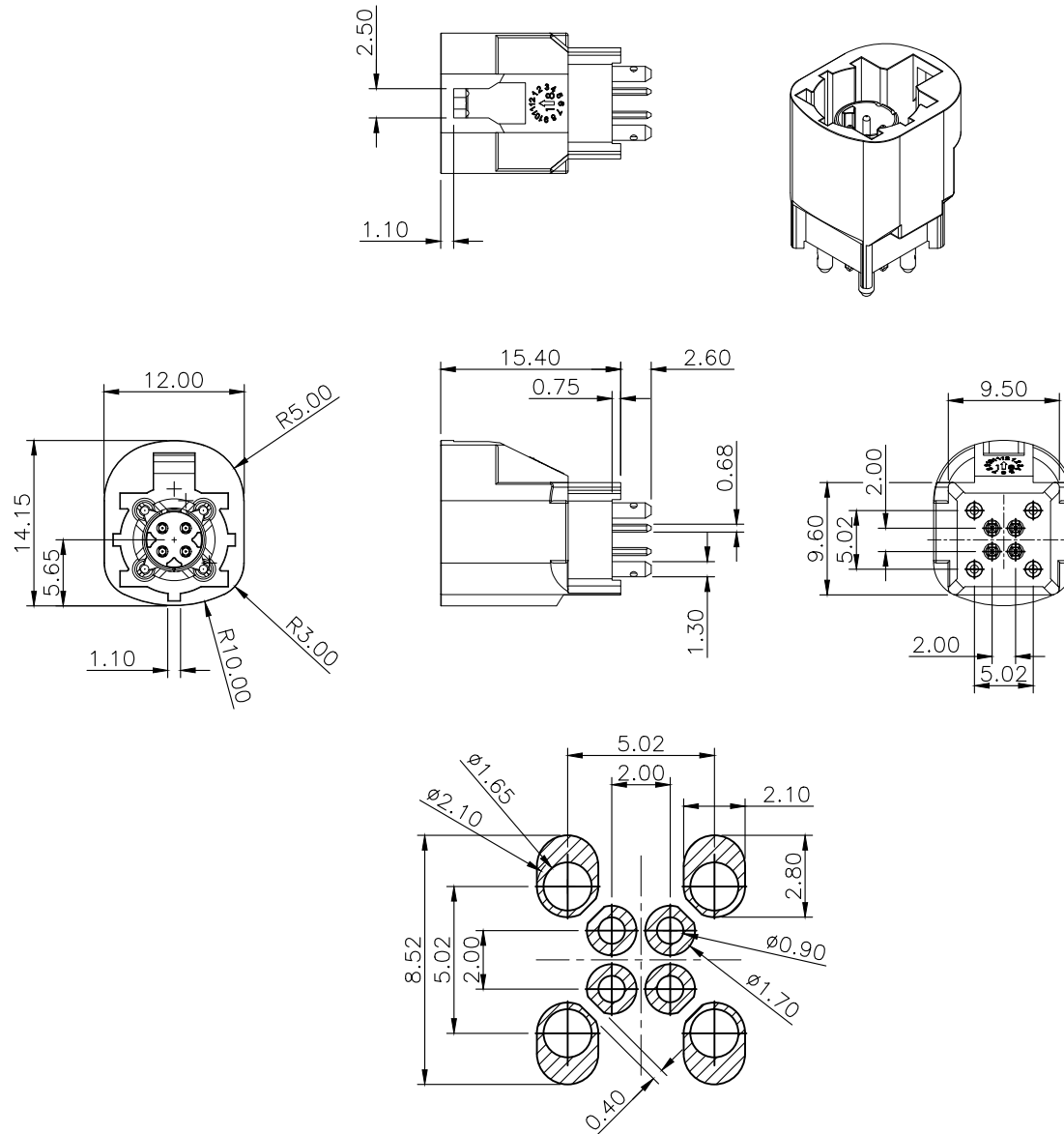
- 4.1 Recommended Wave Soldering Temperature: 260°C

How to order

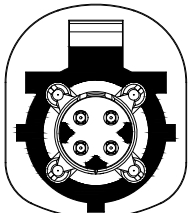
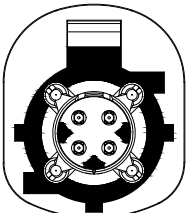
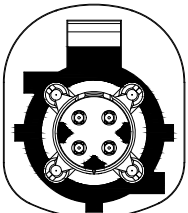
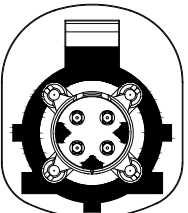
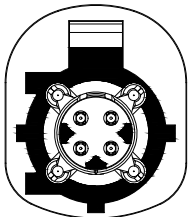
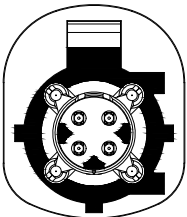
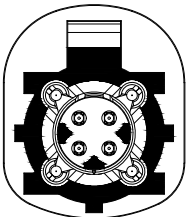
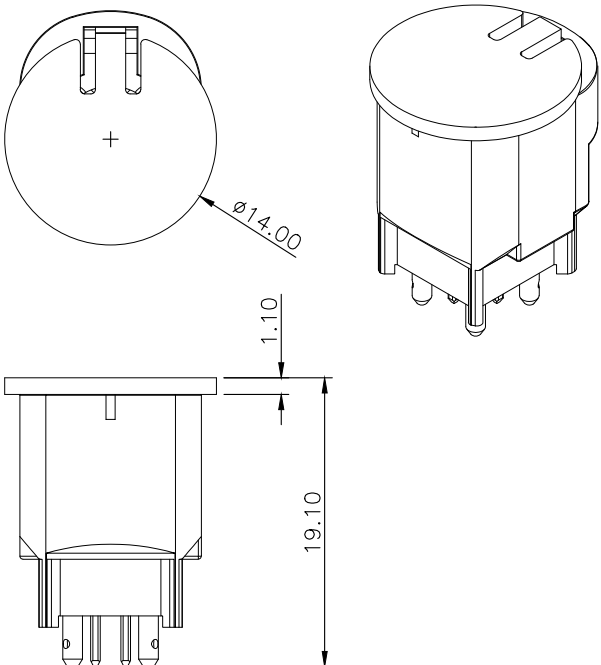
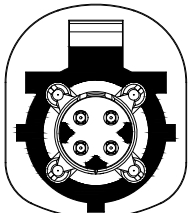
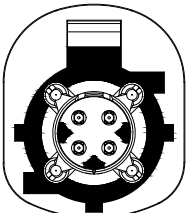
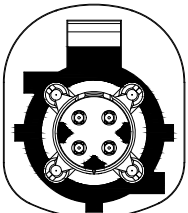
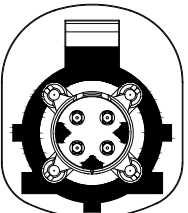
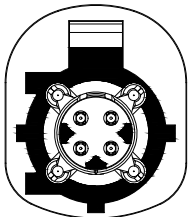
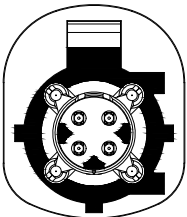
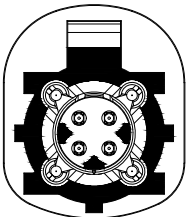
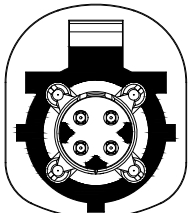
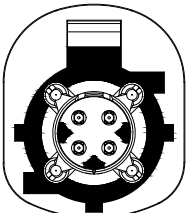
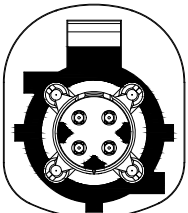
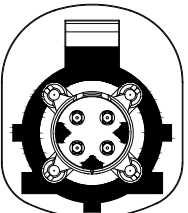
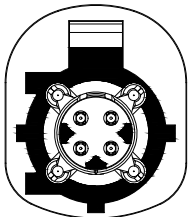
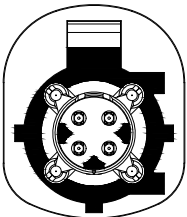
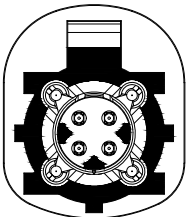
231A- P S Z 00

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Z: Z Code
S: Straight

3	SHELL	Zinc alloy, tin plating over nickel plating	
2	CONTACT	Brass, 6u" gold on contact area, tin plaiting on solder area, under plating nickel over all	
1	HOUSING	PA, UL94V-0,	
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°
mm			 ATTEND www.attend.com.tw
DRAWN	Fros	2025/07/29	DRAWN NAME:
CHECKED	Tim	2025/07/29	HSD Plug, Straight Type
APPROVED	Ken	2025/07/29	PRODUCT NO. 231A-PSX00
	SCALE 1.6/1	SHEET 1/2	SIZE A4
FILE NAME		231A-PSX00_B_1	



Recommended Layout (top view)
General Tolerance: $\pm 0.05\text{mm}$
Scale 4/1

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