

SWG 3205 M Series

5A×10 Solid-State Power Controller (SSPC) with screw mounting

Features:

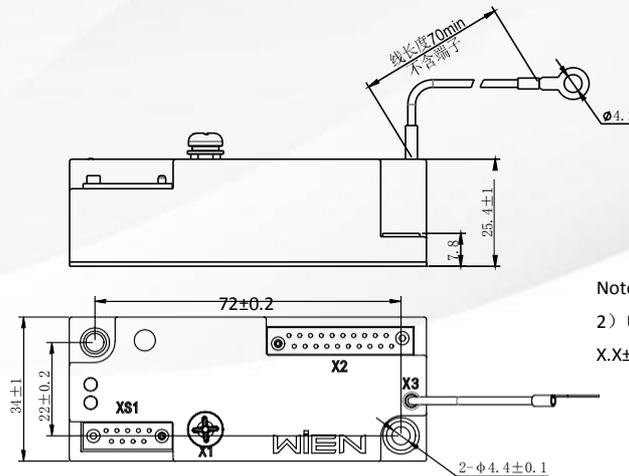
- ◆ Operating baseplate temperature: -45°C to +105°C
- ◆ Six-sided metal shield
- ◆ DIP package
- ◆ Output overcurrent protection
- ◆ CAN communication controlled on/off



Production Selection Table

Product model	Input voltage (Vdc)	Trigger mechanism	Maximum current (A)	Leakage current in the absence of control signal	Temperature detection	Signal detection
SWG3205M-10CAN	12-32	CAN communication control	10 routes 5A	<0.1mA	Yes	Yes

Encapsulation size



Note: 1) Unit: mm
2) Unspecified tolerance: X.X±0.5 X.XX±0.25

Table 1 (X1 与 X3)

Terminal number	X1	X3
Symbol	VIN+	VIN-
Function	Positive power input	Negative power input

Table 2 (XS1)

Terminal number	1	2	3/4/5/6/7	8	9
Symbol	VC+	VC-	NC	L	H
Function	Control positive input	Control negative input	connectionless	CAN Bus L	CAN Bus H

Table 3 (X2)

Terminal number	1/11	2/12	3/13	4/14	5/15
Symbol	VO1	VO2	VO3	VO4	VO5
Function	1-route output positive	2-route output positive	3-route output positive	4-route output positive	5-route output positive

Terminal number	6/16	7/17	8/18	9/19	10/20
Symbol	VO6	VO7	VO8	VO9	VO10
Function	6-route output positive	7-route output positive	8-route output positive	9-route output positive	10-route output positive