

SWR3610 Series

10A Solid-State Power Controller (SSPC), board mounted installation



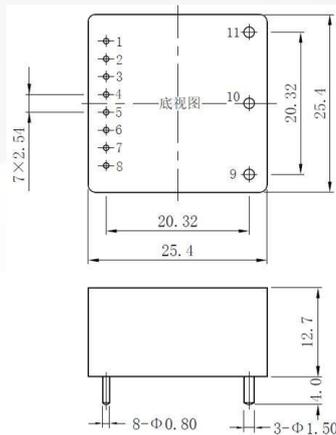
Features:

- ◆ 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
SWR3610M-CAN-T105	12-32	CAN communication on control	10	<10μA	Yes	Yes
SWR1210M-CAN-T105	9-18		10	<10μA	Yes	Yes

Encapsulation size



Note: Unit: mm; Unspecified tolerance: X.X±0.5 (X.XX±0.02) X.XX±0.25 (X.XXX±0.010)

The pins are defined as follows:

Table 1 Power Pins

Pins number	11	10	9
Symbol	Vline	Vout	PGND
Function	controlled power supply input	controlled power supply output	ground of the controlled power supply

Table 2 Signal Pins

Pins number	1	2	3	4
Symbol	Vcc	CANTX	CANRX	NC
Function	Control power supply 5V positive	CAN communication TX port	CAN communication RX port	connectionless
Pins number	5	6	7	8
Symbol	NC	EN	Trip	GND
Function	connectionless	Analog control terminal (super control): High level for on, low level or floating for off	Connect to an external circuit. Refer to the basic application wiring in this document. Abnormal low level, normal high level	Control power supply: 5V negative