

Detailed Product Description

Connector electrical characteristics:

Rating voltage: 250V

Insulation resistance: >100MΩ

Rating current: 4A

Contact resistance of connector ≤10mΩ

Mechanical characteristics:

mating / cycle >100 cycle

Termination: SMT

PINS: 4

CODING: A

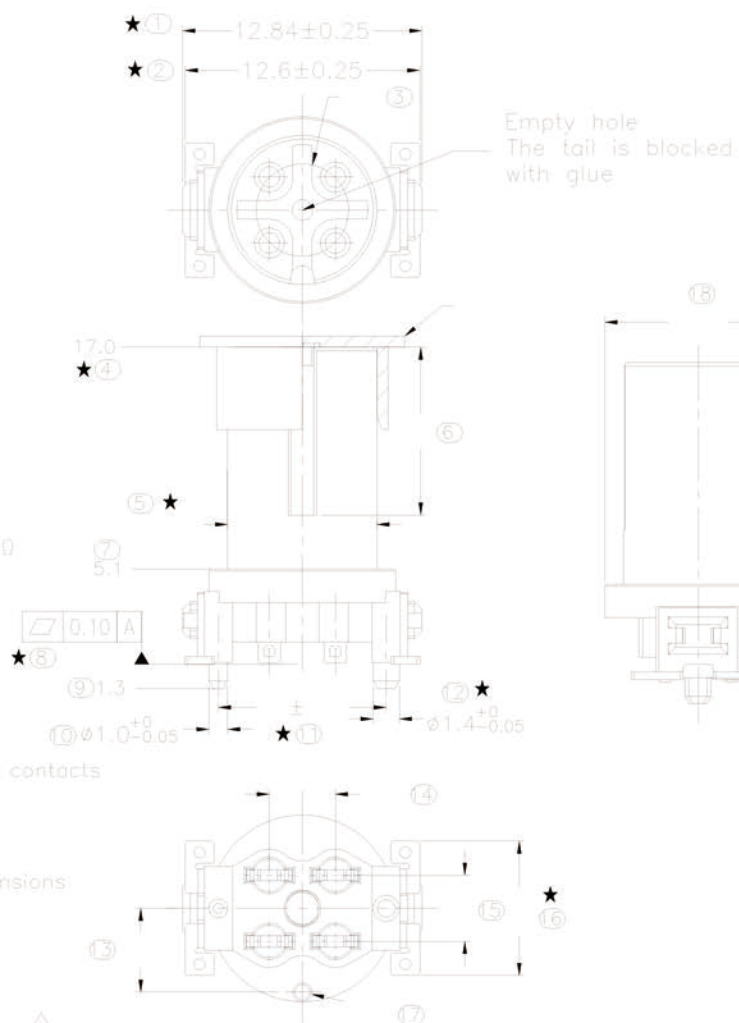
Configuration: M12, female / stamped contacts

The highest temperature: 265°C

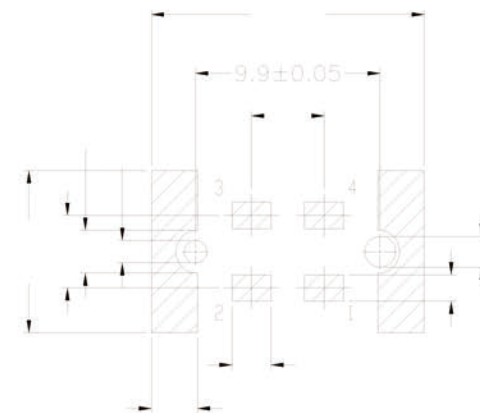
According to IEC61076-2-101

Marked "★" for key inspection dimensions:

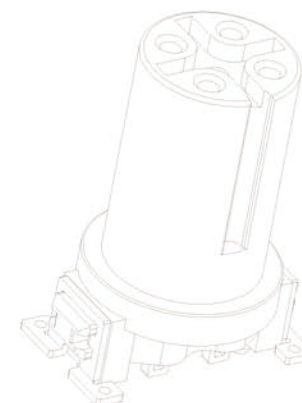
*ALL MATERIALS ARE RoHS COMPLIANT.



REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2019/8/8	ZK
S1	ADD BOM	2019/8/30	ZK
S2	ADD PACKING METHOD	2021/07/28	ZK



RECOMMENDED PCB LAYOUT



 SIGNAL® Shenzhen Signal Electronics Co., LTD		TITLE M12 A 4P/F SMT CONNECTOR	
		SGN NO 120104-04-019	REV. S2
DRAWN BY	DATE	DWG NO	CUSTOMER
CHECKED BY	DATE		
CHECKED BY	DATE		
APPROVED BY	DATE		
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.		TOLERANCES ARE:	
		DECIMALES x ±0.15 xx ±0.10	ANGLES x° ±1.0° x' ±0.5°
		THIRD ANGLE PROJECTION	 SIZE: A4 UNITS: mm SCALE: SHEET: 1 OF 2