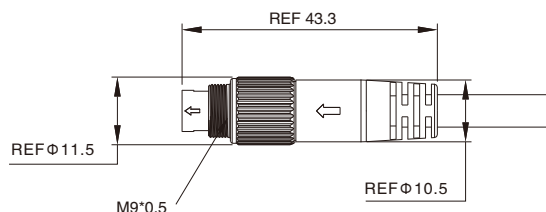


## M9 Male Molded Cable, Straight

- Connector series: M9
- Gender: Male
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA09MSAF\*\*STXXXXXX

\*\* refers to pins number  
X refers to cable specification



RoHS

### General information

Ambient temperature:	-40°C ~ +80°C(fixed installation) -25°C ~ +80°C(flexible installation)
Connector insert:	PBT
Connector contacts:	Brass with gold plated
Coupling nut:	Brass with nickel plated
Connector overmold:	TPU

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

### Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm <sup>2</sup>		
02 pins	4A	125V	125V	24AWG	0.25	PVC	MA09MSAF02STXXCB25
						PUR	MA09MSAF02STXXRB25
03 pins	4A	125V	125V	24AWG	0.25	PVC	MA09MSAF03STXXCB25
						PUR	MA09MSAF03STXXRB25
04 pins	3A	125V	125V	24AWG	0.25	PVC	MA09MSAF04STXXCB25
						PUR	MA09MSAF04STXXRB25
05 pins	3A	125V	125V	24AWG	0.25	PVC	MA09MSAF05STXXCB25
						PUR	MA09MSAF05STXXRB25
07 pins	1A	125V	125V	26AWG	0.14	PVC	MA09MSAF07STXXCB14
						PUR	MA09MSAF07STXXRB14
08 pins	1A	125V	125V	26AWG	0.14	PVC	MA09MSAF08STXXCB14
						PUR	MA09MSAF08STXXRB14

Note: X refers to cable length

### Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please refer to Page 64 for products' part number encoding rule.