

SM C10 M9 CONNECTORS



Pins Number: 2-8 pins

Most connectors are excellent for full shielding at 360 degrees

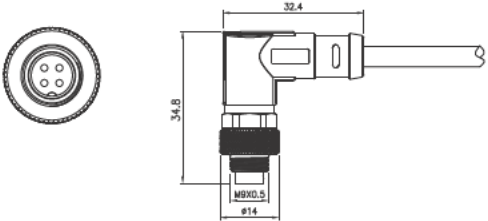
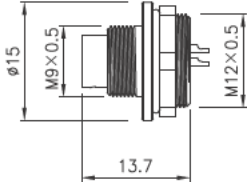
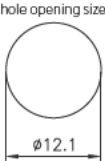
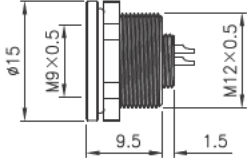
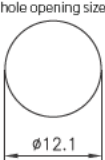
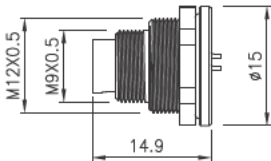
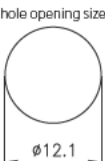
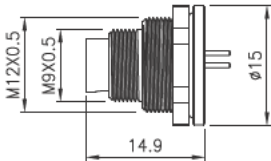
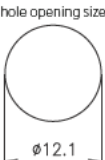
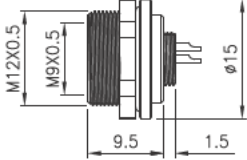
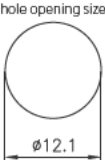
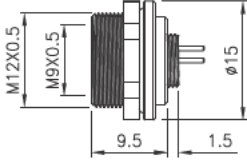
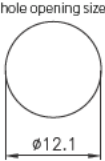
Plug: assembly, overmolded cable type (length can be customized at will) Socket: Front Mount Solder Type, Back Mount Solder Type and PCB board type

Waterproof grade: IP65、IP67

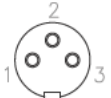
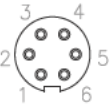
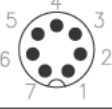
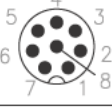
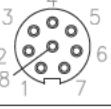


Product Parameters

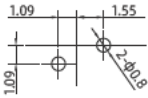
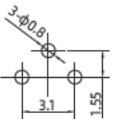
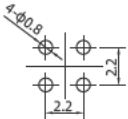
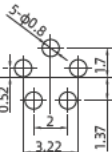
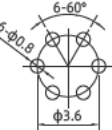
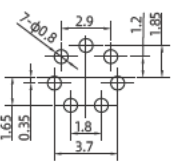
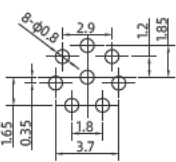
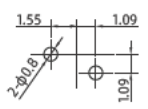
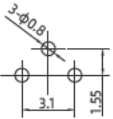
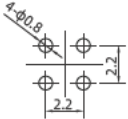
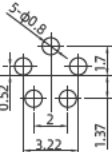
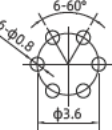
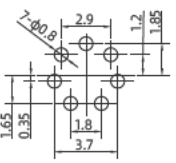
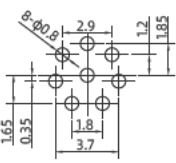
Shell material	Brass nickel-plated Zinc alloy nickel-plated	Contact impedance	$\leq 3\text{m}\Omega$
Sealing material	Epoxy resin/Rubber	Wiring range	3.0~5.0mm
Contact material	Brass/Phosphorus copper gold-plated	Insulation impedance	$\geq 100\text{M}\Omega$
Insulator material	PA66	Applicable temperature	-25℃ ~ +80℃
Molding material	TPU/PVC		

PRODUCT FIGURE	NAME/TYPE NO.	DIMENSIONS
Unshielded Shielded 	M9 Angled Male overmolded plug M9-0011-04 A 0 00000 UNS: M9-00 SHD: M9-00 2 A: 2 3 4 5 6 7 8 -PVC 2-PUR 3-TPU 4-RU 5-PTFE L (mm)	
	M9 Male Back Fastened Socket (Solder) M9-0013-05 A 0 00000 No. M9-00 3 A: 2 3 4 5 6 7 8 -PVC 2-PUR 3-TPU 4-RU 5-PTFE L (mm)	 
	M9 Female Back Fastened Socket (Solder) M9-0014-05 A 0 00000 No. M9-00 4 A: 2 3 4 5 6 7 8 -PVC 2-PUR 3-TPU 4-RU 5-PTFE L (mm)	 
	M9 Male Front Fastened Socket (Solder) M9-0015-05 A 0 00000 No. M9-00 5 A: 2 3 4 5 6 7 8 -PVC 2-PUR 3-TPU 4-RU 5-PTFE L (mm)	 
	M9 Male Front Fastened Socket (PCB) M9-0016-04 A 0 00000 No. M9-00 6 A: 2 3 4 5 6 7 8 1-PVC 2-PUR 3-TPU 4-RU 5-PTFE L (mm)	 
	M9 Female Front Fastened Socket (Solder) M9-0017-06 A 0 00000 No. M9-00 7 A: 2 3 4 5 6 7 8 -PVC 2-PUR 3-TPU 4-RU 5-PTFE L (mm)	 
	M9 Female Front Fastened Socket (PCB) M9-0018-04 A 0 00000 No. M9-00 8 A: 2 3 4 5 6 7 8 1-PVC 2-PUR 3-TPU 4-RU 5-PTFE L (mm)	 

M9 ELECTRICAL PARAMETERS

Pins	Male	Ratedcurrent	Rated voltage		Conductor size		Female
			A/C	D/C	AWG	mm ²	
2		4A	125V	125V	24	0.25	
3		4A	125V	125V	24	0.25	
4		3A	125V	125V	24	0.25	
5		3A	125V	125V	24	0.25	
6		1A	125V	125V	26	0.14	
7		1A	125V	125V	26	0.14	
8		1A	125V	125V	26	0.14	

M9 PCB PINS ARRANGEMENT

Pins	2A	3A	4A	5A	6A	7A	8A
Male							
Female							

M9 WIRE DEFINITION

Pins	Wire core color	
	2(Pins)	
1	BN	
2	BU	

Pins	Wire core color	
	3(Pins)	
1	BN	
2	BU	
3	BK	

Pins	Wire core color	
	6(Pins)	
1	BN	
2	WH	
3	BU	
4	BK	
5	GY	
6	PK	

Pins	Wire core color	
	7(Pins)	
1	WH	
2	BN	
3	GN	
4	YE	
5	GY	
6	PK	
7	BU	

Pins	Wire core color	
	8(Pins)	
1	WH	
2	BN	
3	GN	
4	YE	
5	GY	
6	PK	
7	BU	
8	RD	

Pins	Wire core color	
	4芯(Pins)	
1	BN	
2	WH	
3	BU	
4	BK	

Pins	Wire core color	
	5芯(Pins)	
1	BN	
2	WH	
3	BU	
4	BK	
5	GY	