

SM Series Part Numbering



Features

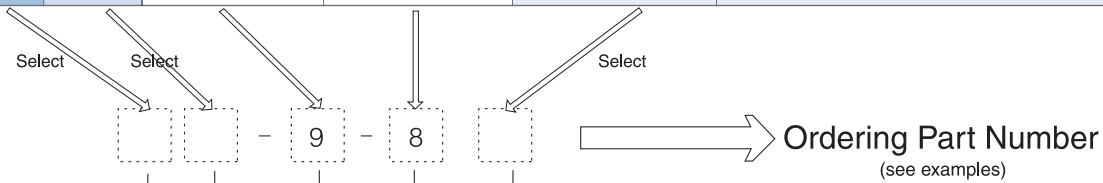
- Miniature circular
- High durability / reliability
- Light weight

Applications

- Professional audio and video
- CCTV system
- Portable wireless radio
- Factory Automation
- Computers and peripherals
- Medical, and much more.

Part Numbering

Product Number		Size	Number of Contacts	Suffix (Contact Type)	Notes	
Series	Prefix					
SMP		9	8	P	Plug (Male contact)	
				R	Receptacle (Female contact)	
	H			P	Plug (Female contact)	
				R	Receptacle (Male Contact)	
	A				Adapter	
	HA				Adapter	
SMS					P	Plug (Male contact)
					R	Receptacle (Female contact)
	H		P	Plug (Female contact)		
			R	Receptacle (Male Contact)		
	A		Adapter			
	HA		Adapter			



Examples

SMP - 9 - 8 (P)

SMP series - Size 9 Plug - 8 Male contacts

SMS - 9 - 8 (R)

SMS Series - Size 9 Receptacle - 8 Female Contacts

SMSHA - 9 - 8

SMSHA series - Size 9 Adapter - 8 Male Contacts

Connector Series

SMP Series : **Push-pull type**

SMPH - Reverse contact for SMP Series

SMPA - Adapter for SMP Series

SMPHA - Adapter for SMPH Series

SMS Series : **Screw - on type**

SMSH - Reverse contact for SMS Series

SMSA - Adapter for SMS Series

SMSHA - Adapter for SMSH Series

Size

9

No. of Contacts

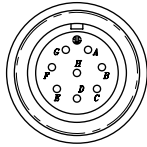
8

Body Type

P : Plug

R : Receptacle

Major Performances / Contact Arrangements

Performance	Size/No. of Contacts	Size 9
Withstanding Voltage (Vrms)		700
Rated Current		2A
Rated Voltage (Vrms)		200
Insulation Resistance (Minimum)		1000M Ω or more at DC500V
Contact Resistance (Minimum)		8m Ω
Temperature Range		-25 $^{\circ}$ C to + 85 $^{\circ}$ C
Contact Arrangement		

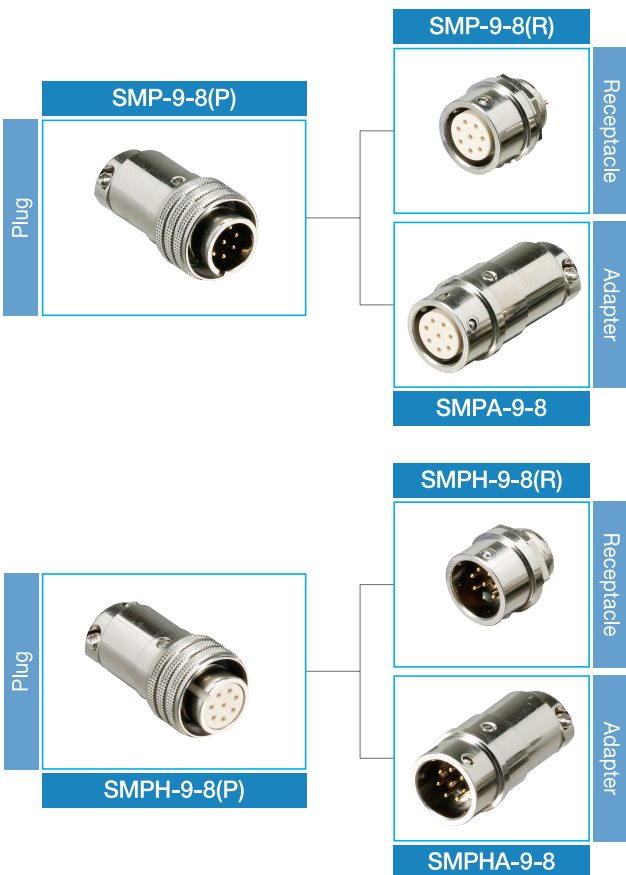
- ! ¹ Withstanding voltage is the tested voltage value in this table.
- ² Insulation resistance is measured at DC 100V.
- ³ Contact resistance is measured at DC 1A.
- Values are from tested items and may not apply to all connectors.
- Specifications subject to change without notice.
- Consult Sam Woo Electronics for the latest specifications.
- ⁴ Connector contact arrangement is from mating surface.

Material Used / Finish

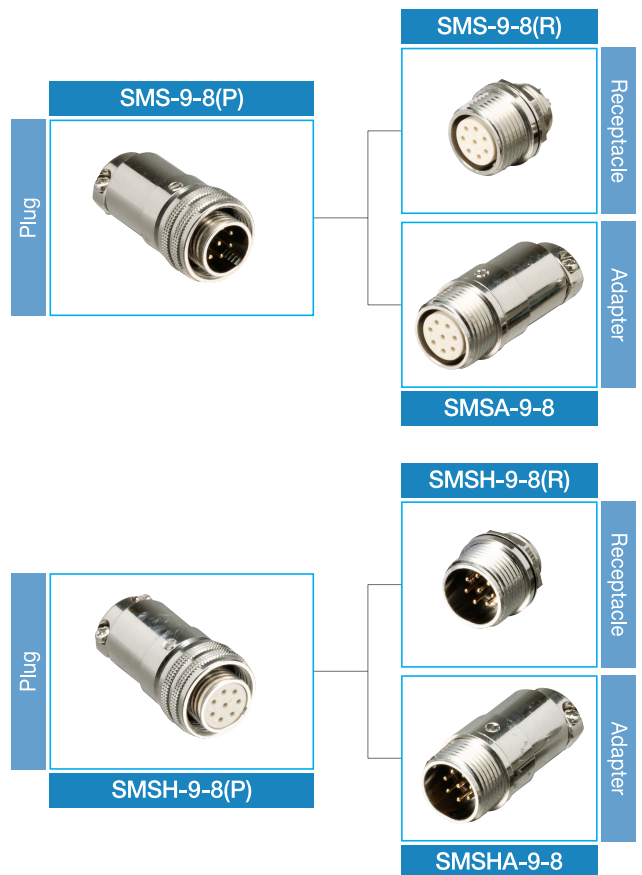
		Material	Finish
Body		Brass	Ni Plating
Insulator		PA	Black, Ivory
Contacts	Male	Brass	Gold Plating
	Female	Phosphor bronze	Gold Plating

SM Series Mini-map

SMP Series Push-Pull Type



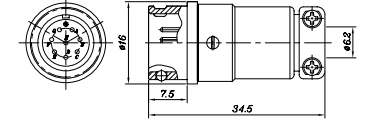
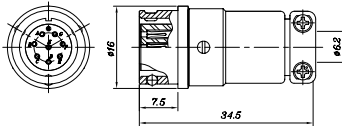
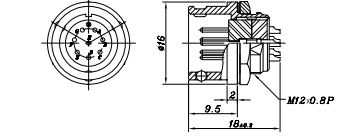
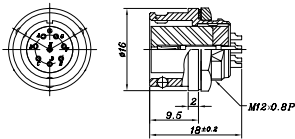
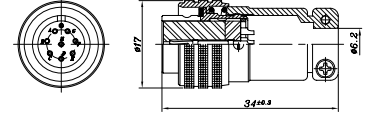
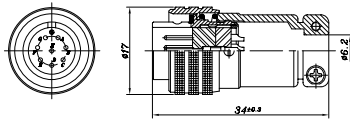
SMS Series Screw-On Type



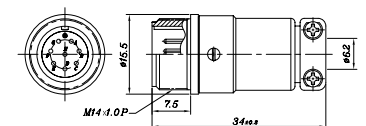
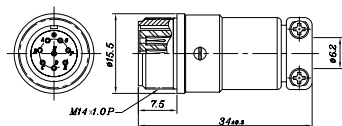
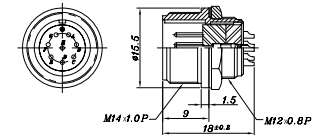
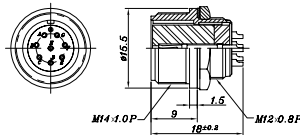
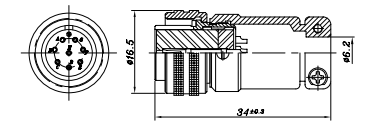
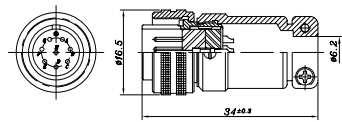
Specifications subject to change without notice. Consult Sam Woo Electronics for the latest specifications.

SM Series Push-Pull type Male / Female Plug, Receptacle, Adapter

■ Push-Pull type Male / Female Plug, Receptacle, Adapter

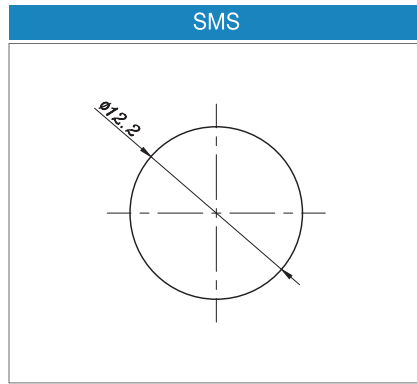
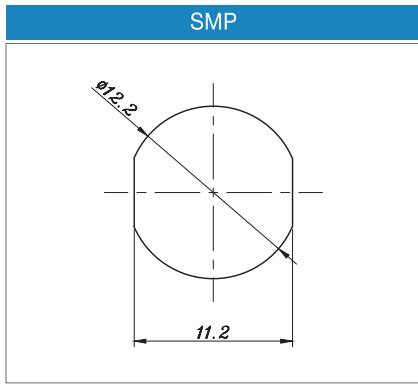


■ Screw-On type Male / Female Plug, Receptacle, Adapter



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■ SM Series Panel Layout





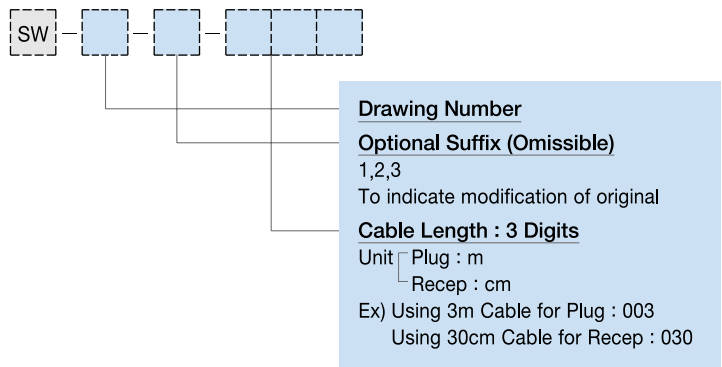
Features

- Miniature circular
- High durability / reliability
- Light weight
- Standard and Custom Design

Applications

- Professional audio and video
- CCTV system
- Portable wireless radio
- Factory Automation
- Computers and peripherals
- Medical, and much more.

Part Numbering



Plug Cable Assembly



Type	Construction
A	SM Connector + Cable + Housing
B	SM Connector + Cable + SM Connector

※ Design and Customization Service Available

Receptacle Cable Assembly



Type	Construction
A	SM Connector + wire + open end
B	SM Connector + wire + Housing
C	SM Connector + wire + Housing with core

※ Design and Customization Service Available

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