

SM Series Part Numbering



Features

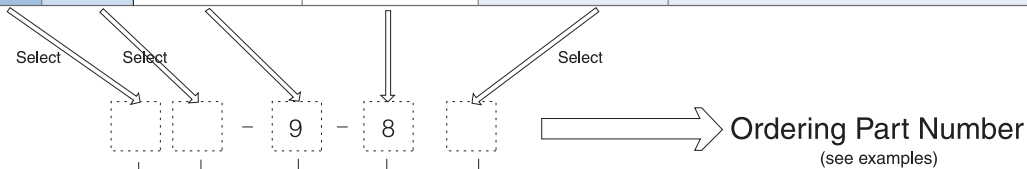
- Miniature circular
- High durability / reliability
- Light weight

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

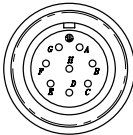
No. of Contacts

8

Body Type

- P : Plug
 R : Receptacle

Major Performances / Contact Arrangements

Size/No. of Contacts	Size 9
Performance	8
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
	Female	Phosphor bronze
		Gold Plating

SM Series Mini-map

SMP Series Push-Pull Type


Plug




SMP-9-8(P)

}

SMP-9-8(R)




SMPA-9-8



Receptacle

Adapter


Plug




SMPH-9-8(P)

}

SMPH-9-8(R)



SMPHA-9-8




Receptacle

Adapter

SMS Series Screw-On Type


Plug




SMS-9-8(P)

}

SMS-9-8(R)




SMSA-9-8



Receptacle

Adapter


Plug




SMSH-9-8(P)

}

SMSH-9-8(R)



SMSHA-9-8

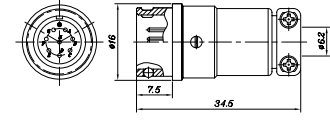
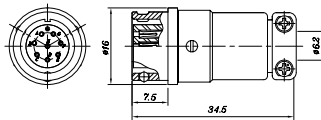
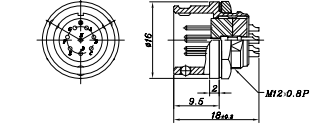
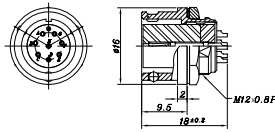
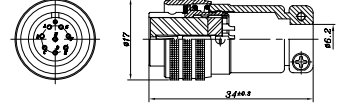
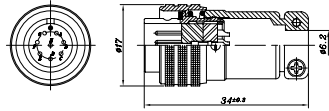


Receptacle

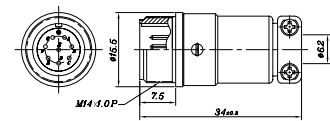
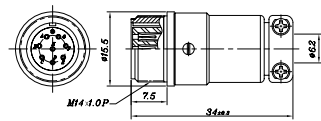
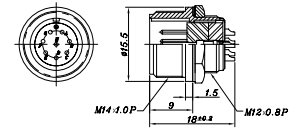
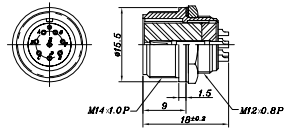
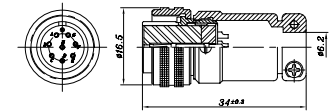
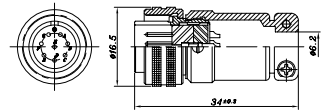
Adapter

SM Series Push-Pull / Screw-on type Plug, Receptacle, Adapter

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



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



■ SM Series Panel Layout

