

SH Series Part Numbering / Specifications / Mini map



Features

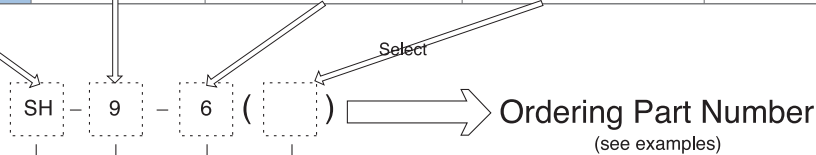
- Compact
- Durable
- Contemporary design

Applications

- Microphone circuitry
- Wireless communication

Part Numbering

Series	Size	Number of Contacts	Suffix (Contact Type)	Notes
SH	9	6	P	Plug(Male contact)
			R	Receptacle(Female contact)



Connector Series

SH Series

Size

9

No. of Contacts

6

Body Type

P : Plug

R : Receptacle

Examples

SH - 9 - 6 (P)

SH series - Size 9 Plug - 6 Male Contacts

SH - 9 - 6 (R)

SH series - Size 9 Receptacle - 6 Female Contact

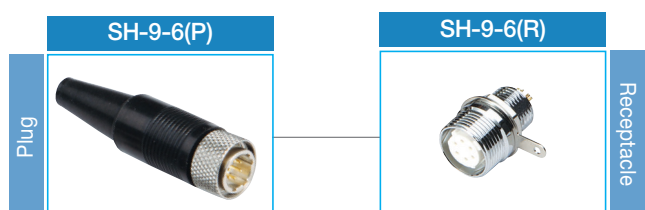
Major Performances / Contact Arrangements

Performance Size/No. of Contacts		Rated Voltage	Withstanding Voltage/min.	Current	Insulation Resistance (Minimum)	Contact Resistance (Maximum)	Contact ϕ	Solder Pot ϕ	Contact Arrangement
9	6	AC 100V DC 140V	AC 300V	2A	200M Ω	10m Ω	ϕ 0,7	ϕ 0,7	

Material Used / Finish

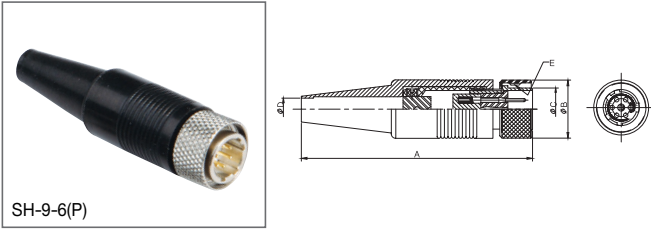
		Material	Finish
Body		Brass	Chromium Plating
Insulator		Glass-filled polyacetal	White
Contacts	Male	Brass	Gold Plating
	Female	Phosphor bronze	Gold Plating

SH-9-6 Mini-map



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

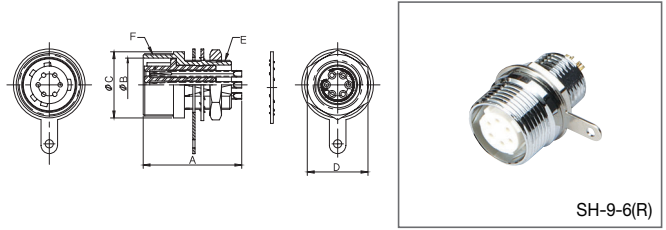
■ SH-9-6(P)



SH-9-6(P)

Product Number	A	ø B	ø C	ø D	E
SH-9-6(P)	51.0	12.9	9.4	4.9	M11,5×0,75P

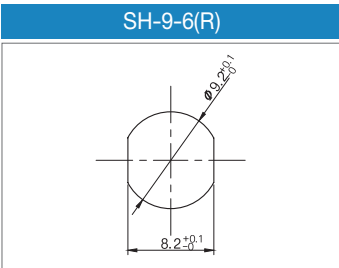
■ SH-9-6(R)



SH-9-6(R)

Product Number	A	ø B	ø C	D	E	F
SH-9-6(R)	19	9.7	12.0	11.0	M9×0,75P	M11,5×0,75P

■ SH Series Panel Layout



■ Cable Assembly Instruction

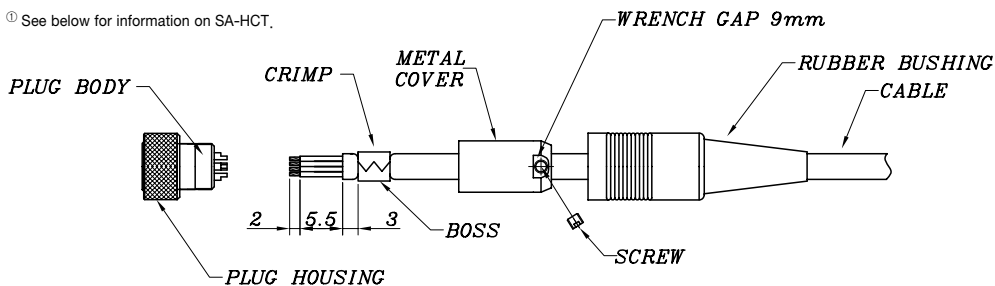
■ General Instruction / Information

- Diagram 1 shows a sample wiring for SN series.
- Soldering must be done quickly and carefully to prevent damage to insulator.
- Receptacles do not require additional instructions.

■ Wiring Sequence

- ① Select cable according to outer diameter and cross section, lower than 0.129mm²(AWG#26).
- ② Insert RUBBER BUSHING to cable.
- ③ Insert PLUG HOUSING to cable.
- ④ Strip cable per dimension given and loosen braid.
- ⑤ Secure PLUG BODY to jig for soldering.
- ⑥ Solder stripped cable to pin.
- ⑦ Fasten CRIMP using hand crimp tool (SA-HCT^①)
- ⑧ Lock PLUG HOUSING and PLUG BODY using tightening force displayed on Table 1.
- ⑨ Tighten WRENCH BOLT using 0.3N force onto one of two embossed parts of crimp.
- ⑩ Cover RUBBER BUSHING onto PLUG HOUSING.

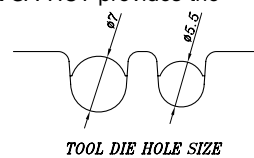
^① See below for information on SA-HCT.



■ SA-HCT (Hand Crimp Tool)



Specially designed for Sam Woo's connector, the low-cost and efficient SA-HCT provides the best crimping results. Use ø 7.0 for SH series.



TOOL DIE HOLE SIZE

SH Series Cable Assembly



Features

- Compact
- Durable
- Contemporary design
- Standard and Custom Design

Applications

- Microphone circuitry
- Wireless communication

Part Numbering



Drawing Number
Optional Suffix (Omissible)
 1,2,3
 To indicate modification of original
Cable Length : 3 Digits
 Unit { Plug : m
 Recep : cm
 Ex) Using 3m Cable for Plug : 003
 Using 30cm Cable for Recep : 030

Plug Cable Assembly



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

※ Design and Customization Service Available

Receptacle Cable Assembly



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

※ Design and Customization Service Available

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