

SH Series Part Numbering / Specifications / Mini map



Features

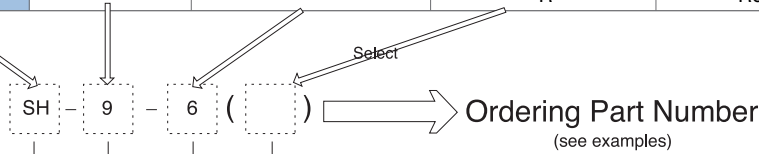
- Compact
- Durable
- Contemporary design

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

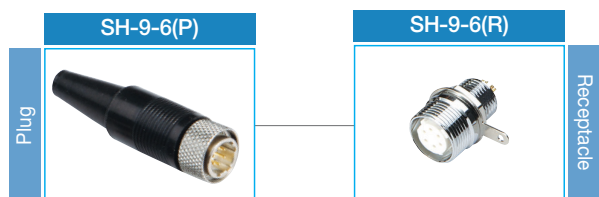
Major Performances / Contact Arrangements

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	

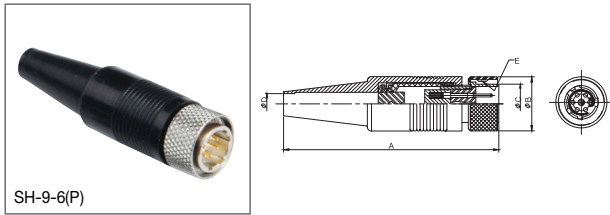
Material Used / Finish

	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

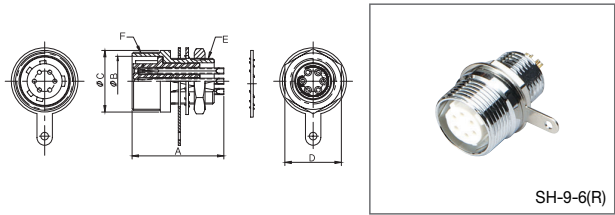


■ SH-9-6(P)



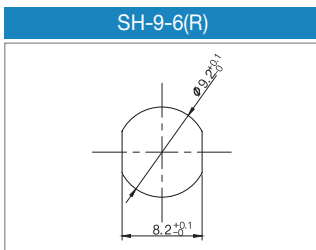
Product Number	A	∅ B	∅ C	∅ D	E
SH-9-6(P)	51,0	12,9	9,4	4,9	M11,5×0,75P

■ SH-9-6(R)



Product Number	A	∅ B	∅ 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

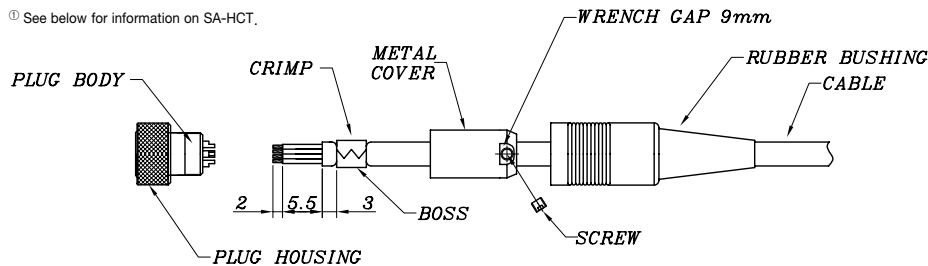
■ General Instruction / Information

- 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.

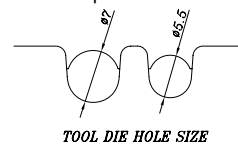
^① See below for information on SA-HCT.



■ 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 ∅ 7,0 for SH series.



TOOL DIE HOLE SIZE