

# Push-Pull Connectors

## HR10 Series



### Overview

The HR10 series connectors are push-pull coupling type micro-connectors. They have been developed in response to customers' needs for miniaturization, high density, and easy handling. The HR10 series connectors offer light weight and assure high reliability and durability as well as easy "push-pull" operation.

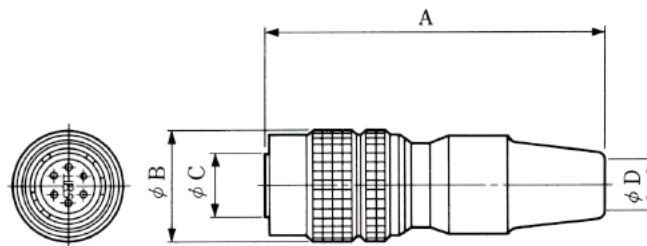
You may apply the HR10 series connectors to all kinds of small-sized electronic equipment requiring high reliability. However, these simple but refined connectors are most suitable for portable electronic equipment which requires good appearance.

### Ordering information

**HR10 A - 7 P - 4 P A (\*\*)**

①      ②      ③      ④      ⑤      ⑥      ⑦      ⑧

① Series name: HR10 Series	④ Shell type P: Plug J: Jack R: Receptacle
② Type A: Low-cost model G: Shielded E: Built-in capacitor B: Coaxial terminal D: Connector sleeve rotation inhibited	⑤ Number of contacts
③ Shell size: Plug mating part outside diameter in mm	⑥ Type of terminal P: Male terminal      S: Female terminal
	⑦ Terminal form C: Crimp connection system
	⑧ Other specifications: 2 numerical digits will be added when there is a specifications change other than shown in positions ① to ⑦

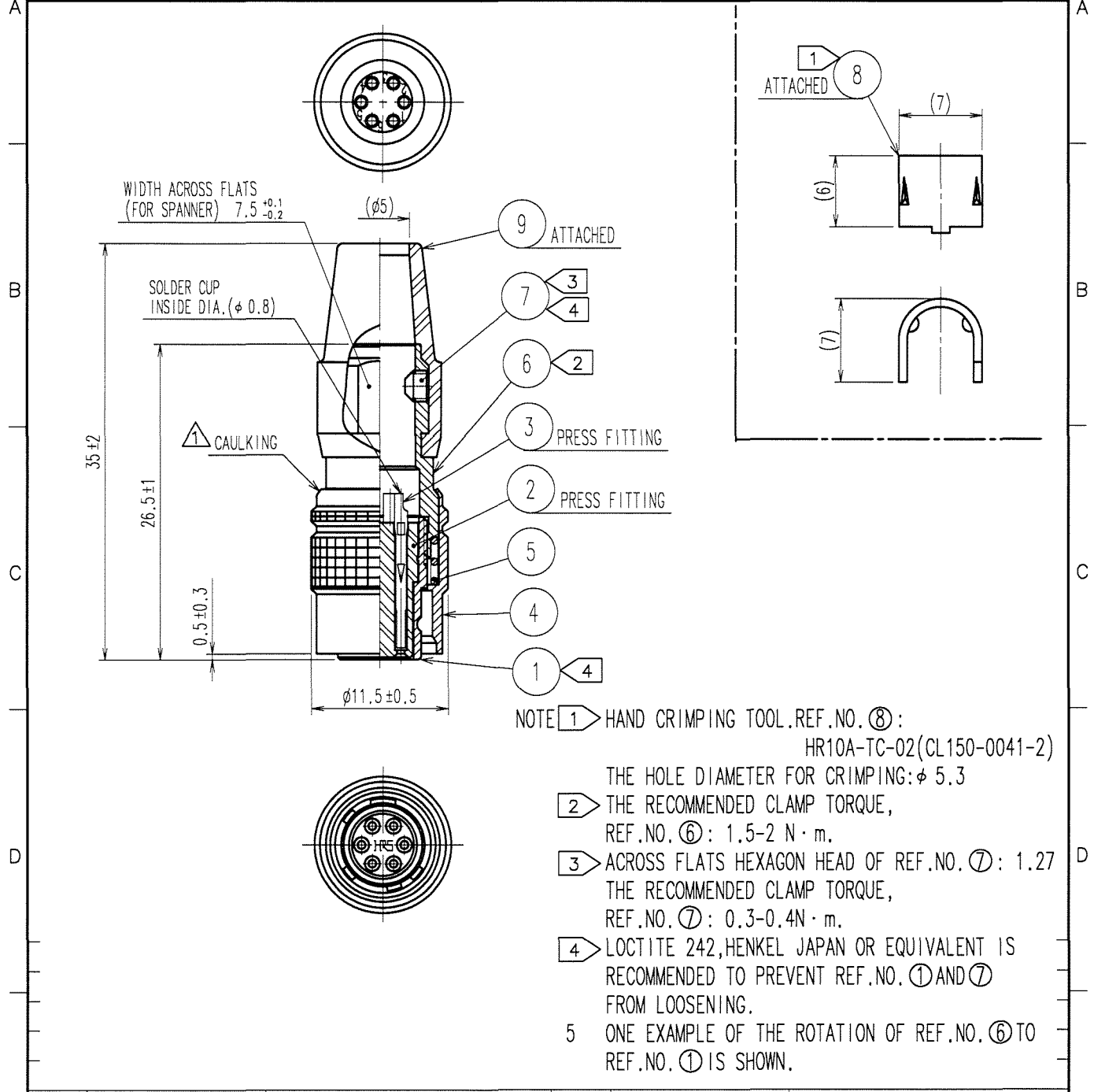


Unit : mm

HRS No.	Part No.	No. of pins	A	$\phi B$	$\phi C$	$\phi D$	Weight
110-0301-2-73	HR10A-7P-4P(73)	4	35	11.5	7	5	9g
110-0302-5-73	HR10A-7P-4S(73)	4	35	11.5	7	5	9g
110-0318-5-73	HR10A-7P-5P(73)	5	35	11.5	7	5	9g
110-0319-8-73	HR10A-7P-5S(73)	5	35	11.5	7	5	9g
110-0303-8-73	HR10A-7P-6P(73)	6	35	11.5	7	5	9g
110-0304-0-73	HR10A-7P-6S(73)	6	35	11.5	7	5	9g
110-0407-3-73	HR10A-10P-10P(73)	10	43	14.7	9.5	7	16g
110-0408-6-73	HR10A-10P-10S(73)	10	43	14.7	9.5	7	16g
110-0401-7-73	HR10A-10P-12P(73)	12	43	14.7	9.5	7	16g
110-0402-0-73	HR10A-10P-12S(73)	12	43	14.7	9.5	7	16g
110-0713-0-73	HR10A-13P-20P(73)	20	58.8	19	13	7	37g
110-0716-8-73	HR10A-13P-20S(73)	20	58.8	19	13	7	37g

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 In case that the application demands a high level of reliability, such as automotive,  
 please contact a company representative for further information.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
1	DIS-C-000409	D.M	M.S	06.12.19					



			9	CR	(BLACK)
4	BRASS	MATTE FINISH NICKEL PLATED	8	BRASS	
3	PHOSPHOR BRONZE	SILVER PLATING 2μ m min.	7	STEEL	NICKEL PLATING HEXAGON SOCKET SET SCREW M2.6×0.45×2
2	POLYAMIDE	(BLACK) UL94V-0	6	BRASS	NICKEL PLATING
1	ZINC ALLOY	MATTE FINISH NICKEL PLATED	5	STEEL	NICKEL PLATING
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS

CODE NO. (OLD)	CL	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
		D.MATSUNE	D.MATSUNE	E.KUNII	M.SATO	
		051119	051119	051122	051125	

DRAWING NO.	PART NO.
EDC4-020537-73	HR10A-7P-6S(73)
UNITS	CODE NO.
mm	CL110-0304-0-73

TO  
R



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