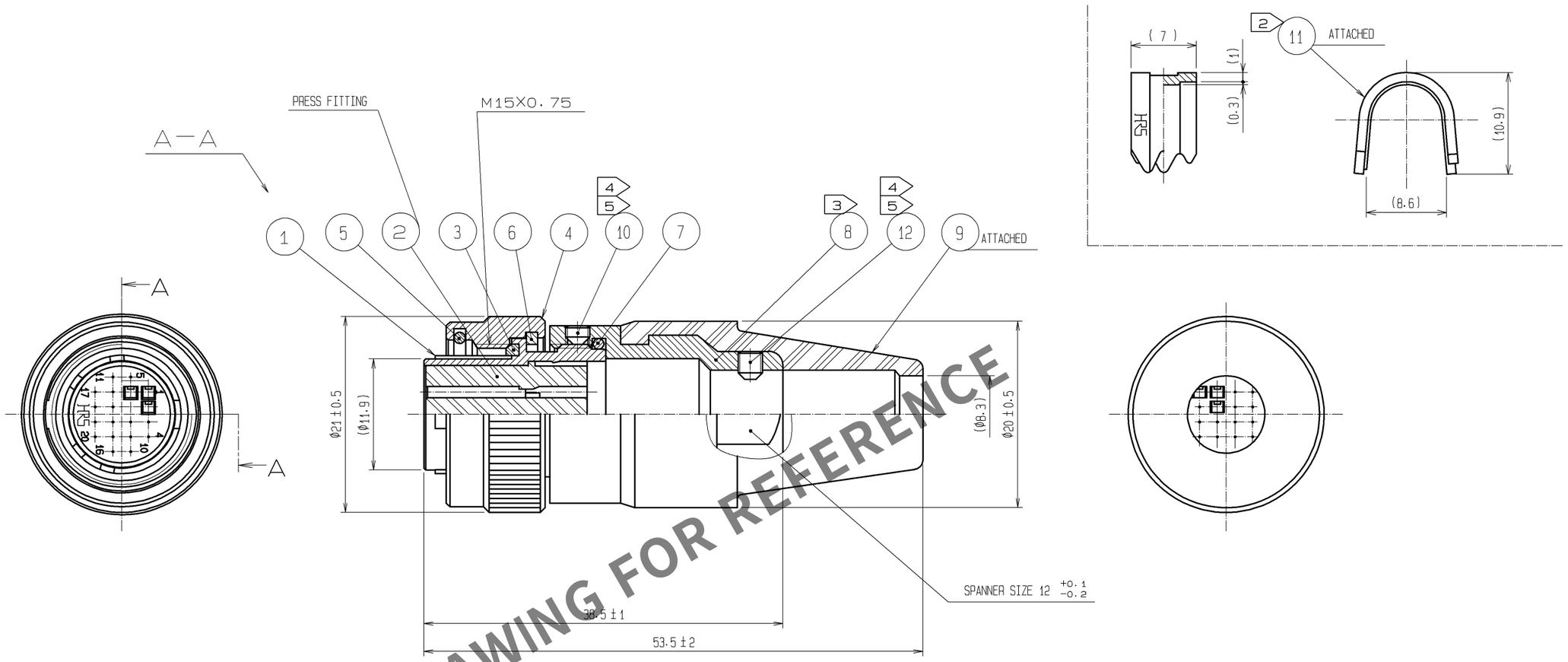
Dec.1.2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



HRS DRAWING FOR REFERENCE

NOTES 1 Applicable contact

		Loose contact type	Chain contact type
Applicable terminal		HR22-SC-122 (CL122-0016-6)	HR22-SC-222 (CL122-0008-8)
Applicable wire	Size	AWG #24 TO 28	
	Insulation diameter	Ø1.15 max	
Crimping tool		HR22-TA2428HC	Automatic crimping machine body :CM-105 Applicator:AP105-HR22-2
Extractor		RP6-SC-TP	

2 CABLE CRIMPING TOOL OF REF.NO.⑪:HR10A-TC-04

3 THE RECOMMENDED CLAMP TORQUE OF REF.NO.⑧:2 TO 2.5N·m

4 ACROSS FLATS OF HEXAGON SOCKET OF REF.NO.⑩ AND ⑫:1.27
THE RECOMMENDED CLAMP TORQUE OF REF.NO.⑩ AND ⑫: 0.3 TO 0.4 N.m

5 THREAD LOCKER IS RECOMMENDED TO PREVENT REF.NO.⑩ AND ⑫ FROM LOOSENING.
RECOMMENDED THREAD LOCKER:LOCKTITE 263,HENKEL JAPAN LTD.

6 THE CABLE PULL AND TWISTING STRENGTH AND OTHER CHARACTERISTICS MAY DIFFER, DEPENDING ON THE CABLE STRUCTURE.
PLEASE CONFIRM BEFORE THE USE.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
6	PHOSPHOR BRONZE	NICKEL PLATING	12	STEEL	NICKEL PLATING M2.6X0.45X3
5	STEEL	NICKEL PLATING	11	BRASS	
4	BRASS	NICKEL PLATING	10	STEEL	NICKEL PLATING M2.6X0.45X2
3	SILICONE RUBBER	(BLACK)	9	ACRYLONITRILE BUTADIENW RUBBER	(BLACK)
2	PBT	(BLACK) UL94V-0	8	BRASS	NICKEL PLATING
1	ZINC ALLOY	NICKEL PLATING	7	SILICONE RUBBER	(BLACK)

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	△				

HRS HIROSE ELECTRIC CO., LTD.

APPROVED	:SU.OBARA	14.03.06	DRAWING NO.	EDC3-113281-73
CHECKED	:HY.KISHI	14.03.06	PART NO.	HR22-12TPQ-20SC(73)
DESIGNED	:MM.ISHII	14.03.06	CODE NO.	CL122-0053-2-73 △ 1/1
DRAWN	:MM.ISHII	14.03.06		