

Sep.1.2024 Copyright 2024 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.

1		2		3		4	
A						A	
B						B	
C						C	
D						D	
E						E	
F						F	

Technical drawing of a connector showing a cross-section and a top view. The cross-section shows a cylindrical body with a central pin and a flange. Dimensions include a diameter of $\varnothing 14.5 \pm 1$ mm for the main body and a width across flats of 12 ± 0.2 mm for the flange. Callouts 1 through 10 point to various components. A large diagonal watermark reads "HRS DRAWING FOR REFERENCE".

Dimensions and Callouts:

- Width across flats: 12 ± 0.2
- Marking: 518S (HRM-180° reverse side)
- Prick punch (2 Points)
- 1/4-36UNS-2A
- Roll caulking
- Caulking
- Soldering (PB Free)
- Callouts: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

5	PTFE		10	BRASS	NICKEL PLATING
4	PTFE		9	BERYLLIUM COPPER	SILVER PLATING
3	BERYLLIUM COPPER	NICKEL PLATING	8	SILICONE RUBBER	
2	STAINLESS STEEL	PASSIVATE	7	BRASS	NICKEL PLATING
1	BRASS	NICKEL PLATING	6	BERYLLIUM COPPER	GOLD PLATING
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS

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

HIROSE
ELECTRIC
CO., LTD.

APPROVED : NK. NINOMIYA
CHECKED : NK. NINOMIYA
DESIGNED : MT. KANEKO
DRAWN : NK. OOSHIMA

20211203
20211203
20211203
20211130

DRAWING
NO.
PART
NO.
CODE
NO.

EDC-007474-40-00
HRM-518S(40)
CL0311-0147-7-40

1
1

FORM HC0011-5-51

2

3

4