

Technical drawing of a Hirose DF51A-12DP-2DSA connector, showing dimensions, markings, and mating figure.

Dimensions:

- Overall length: 19.1 ± 0.3
- Overall width: 10 ± 0.25
- Pin pitch: $P = 2 \pm 0.25$
- Pin diameter: $\phi 0.8 \pm 0.1$
- Pin length: 7.3 ± 0.3
- Pin spacing: 0.5 ± 0.1
- Pin diameter: $\phi 0.8 \pm 0.1$

Markings:

- HRS marking
- Cavity No. marking
- Contact No. 1
- Contact No. 2
- Number of contacts
- Polarization marking
- Lot No.

Mating Figure (2:1):

DF51-12DS-2C

DF51A-12DP-2DSA

Note 1. Per pack : 100 Pieces.

Note 2. The dimension parenthesis are for reference.

Note 3. UL (File No. E52653), C-UL (File No. E52653) authorization article.

Table 1: Material and Finish

NO.	MATERIAL	FINISH, REMARKS
1	PBT	UL94V-0, BLACK
2	BRASS	SURFACE: Sn PLATING $1 \mu\text{m}$ MIN UNDER PLATING: NICKEL PLATING $0.5 \mu\text{m}$ MIN

Table 2: Revision History

NO.	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
1	DIS-H-00004471	TS. MIYAKI	SZ. ONO	20181204

Table 3: Drawing Information

APPROVED	CHECKED	DESIGNED	DRAWN
HS. OKAWA	ST. WADA	TH. SATO	TH. SATO

Table 4: Drawing Information

SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
5 : 1	1	DIS-H-00004471	TS. MIYAKI	SZ. ONO	20181204

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Table 30: Drawing Information

SCALE	COUNT
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