

Technical drawing of a Hirose DF1 connector, showing top, side, and cross-sectional views. The drawing includes dimensions and a table of specifications.

Dimensions:

- Top View: $A \pm 0.3$, $B \pm 0.3$, $P = 2.5 \pm 0.1$, 1.6 ± 0.2 , 6 ± 0.3 , 1.9 ± 0.2 , 2.2 ± 0.2 , 7 ± 0.3 , 3 ± 0.3 , 1.9 ± 0.15 .
- Side View: 1.9 ± 0.15 .
- Cross-section A-A: 1.9 ± 0.15 .

Table of Specifications:

CODE No.	PART No.	NUMBER OF CONTACT	A	B
541-0115-9-05	DF1- 2S-2.5R28(05)	2	8.0	2.5
541-0116-1-05	DF1- 3S-2.5R28(05)	3	10.5	5.0
541-0117-4-05	DF1- 4S-2.5R28(05)	4	13.0	7.5
541-0118-7-05	DF1- 5S-2.5R28(05)	5	15.5	10.0
541-0119-0-05	DF1- 6S-2.5R28(05)	6	18.0	12.5
541-0120-9-05	DF1- 7S-2.5R28(05)	7	20.5	15.0
541-0121-1-05	DF1- 8S-2.5R28(05)	8	23.0	17.5
541-0122-4-05	DF1- 9S-2.5R28(05)	9	25.5	20.0
541-0123-7-05	DF1-10S-2.5R28(05)	10	28.0	22.5
541-0124-0-05	DF1-11S-2.5R28(05)	11	30.5	25.0
541-0125-2-05	DF1-12S-2.5R28(05)	12	33.0	27.5
541-0126-5-05	DF1-13S-2.5R28(05)	13	35.5	30.0
541-0127-8-05	DF1-14S-2.5R28(05)	14	38.0	32.5
541-0128-0-05	DF1-15S-2.5R28(05)	15	40.5	35.0
541-0129-3-05	DF1-16S-2.5R28(05)	16	43.0	37.5
541-0133-0-05	DF1-20S-2.5R28(05)	20	53.0	47.5

Notes:

- 2 POSITION TO BE PROTRUSION AT CENTER FOR ONE LOCATION 3 TO 6 POSITIONS UNLOCATED OTHER POSITION TO BE AS SHOWN IN FIGURE.
- COLOR OF Δ MARKING: RED.
- APPLICABLE CABLE: UL 1007 AWG28.

Table of Materials:

1	POLYAMIDE	PALE BROWN, UL94V-0	2	PHOSPHOR BRONZE	SURFACE PLATING: TIN PRATING 2 μ m min
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS

Table of Revisions:

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	1	DIS-H-006064	MI. SAKIMURA	HK. UMEHARA	11. 08. 05

Table of Drawing Information:

APPROVED	CHECKED	DESIGNED	DRAWN	DRAWING NO.	PART NO.	CODE NO.
TY. OMA	HK. UMEHARA	NS. HIROSE	AK. MIURA	EDC3-162346-01	DF1-*S-2.5R28(05)	CL541-

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APPROVED	CHECKED	DESIGNED	DRAWN	DRAWING NO.	PART NO.	CODE NO.
TY. OMA	HK. UMEHARA	NS. HIROSE	AK. MIURA	EDC3-162346-01	DF1-*S-2.5R28(05)	CL541-

1	POLYAMIDE	PALE BROWN, UL94V-0			2	PHOSPHOR BRONZE	SURFACE PLATING:TIN PRATING 2mm min		
NO.	MATERIAL	FINISH , REMARKS			NO.	MATERIAL	FINISH , REMARKS		
UNITS mm		SCALE 5 : 1	COUNT  1	DESCRIPTION OF REVISIONS DIS-H-006064		DESIGNED MI. SAKIMURA	CHECKED HK. UMEHARA	DATE 11.08.05	
 HIROSE ELECTRIC CO., LTD.		APPROVED : TY. OMA	05.12.22	DRAWING NO.		EDC3-162346-01			
		CHECKED : HK. UMEHARA	05.12.21	PART NO.		DF1-*S-2.5R28(C05)			
		DESIGNED : NS. HIROSE	05.12.20	CODE NO.		CL541-			
		DRAWN : AK. MIURA	05.12.19			 			