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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

△	COUNT	REVISIONS	BY	CHKD	DATE	△	COUNT	REVISIONS	BY	CHKD	DATE
△					. .	△					. .
△					. .	△					. .

APPLICABLE STANDARD

RATING				APPLICABLE CABLES	
	VOLTAGE	CONTACT No. 1 ~ ※	AC 150 V / DC V		
	CURRENT	CONTACT No. 1 ~ ※	1 A	IMPEDANCE FREQUENCY RANGE	Ω (Ω ~ Hz)
	POWER			OPERATING TEMPERATURE RANGE	-35℃~+85℃ (Notes1)
	SPECIALTY				

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT.	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ~~ABC~~ EDC 3-083675-01		—	—	—	○	○
2	MARKING			—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC V.	MIL-STD-1344	500	—	MΩ	○	—
4	CONTACT RESISTANCE CONTACT	The voltage drop must be under the Std. value at DC A.		—	—	mΩ	—	—
	CONTACT	The voltage drop must be under the Std. value at DC A.		—	—	mΩ	—	—
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC/DC 500V for one minute.	MIL-STD-1344	—	—	—	○	—
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC20mV less and mA.		—	—	mΩ	—	—
7	DRY CIRCUIT	Must have conductivity in alternate current at DC μV.		—	—	—	—	—
8	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge. (gauge size)		—	—	N	—	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		—	—	N	—	—
9	HUMIDITY	Insulation resistance must be over the Std. value at 40±2℃ 90~95% 96 hours. — at high humidity		—	—	MΩ	—	—
		after high humidity	MIL-STD-1344	500	—	MΩ	○	—
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10~55 Hz, Total amplitude 1.5 mm, at 2 hours for 3 directions.	MIL-STD-1344	—	—	—	○	—
11	SHOCK	Must have no damage, crack and looseness of parts after 3 cycles at 490 m/s² in 3 directions.	MIL-STD-1344	—	—	—	○	—
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~+85℃ 3 cycles. Total 5 hours.	MIL-STD-1344	—	—	—	○	—
13	DURABILITY CONTACT	Must be less than the Std. value after insertion and extraction cycles at the condition described in above Item No.4.		—	—	mΩ	—	—
	CONTACT			—	—	mΩ	—	—
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after ※ salt water spray for hours.		—	—	—	—	—
15	H₂S-EXPOSURE	Must not have heavy corrosion after ppm for hours.		—	—	—	—	—
16	SO₂-EXPOSURE	Must not have heavy corrosion after ppm for hours.		—	—	—	—	—

Notes:1
This tempareture includes a rise by heat's generation of connector when electricity passes.

REMARKS			
※=Number of contacts	APPROVED	H. Yamamoto	'94.4.25
	REVIEWED		. .
	CHECKED	K. Akiyama	'94.4.25
	DESIGNED	S. Tashiro	'94.4.19
	DRAWN	T. Goi	'94.4.16

HRS HIROSE ELECTRIC CO., LTD.

ISSUED BY

PART No. DF13-※S-1.25C

DRAWING No. ELC4-083675-01 | SPECIFICATION SHEET | CODE No. CL536-0001 4 0014-6

NOTE QT:Qualification Test AT:Assurance Test O:Applicable item FORM No.

TO