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APPLICABLE STANDARD

RATING	VOLTAGE	CONTACT No. / ~ *	AC 250 V DC V	APPLICABLE CABLES
	CURRENT	CONTACT No. / ~ *	3 A	IMPEDANCE FREQUENCY RANGE
	POWER			OPERATING TEMPERATURE RANGE
	SPECIALTY			

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT.	AT
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and 3-160056-01		—	—	—	○	○
2	MARKING			—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500V.	MIL-STD-1344	1000	—	MΩ	○	—
4	CONTACT RESISTANCE UNIT CONTACT	The voltage drop must be under the Std. value at DC 0.1 A.	MIL-STD-1344	—	30	mΩ	○	—
	CONTACT	The voltage drop must be under the Std. value at DC A.		—	—	mΩ	—	—
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC 650V 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.		—	—	gf	—	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		—	—	kof	—	—
9	HUMIDITY	Insulation resistance must be over the Std. value at 40±2℃ 90-95% 96 hours. at high humidity after high humidity	MIL-STD-1344	1000	—	MΩ	○	—
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10-55 Hz, amplitude 0.75mm—G 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 1/2 in 3 directions.	MIL-STD-1344	—	—	—	○	—
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55-+85℃ 5 cycles.	MIL-STD-1344	—	—	—	○	—
13	DURABILITY UNIT CONTACT	Must be less than the Std. value after 30 insertion and extraction cycles at the condition described in above item No.4.	MIL-STD-1344	—	30	mΩ	○	—
	CONTACT			—	—	mΩ	—	—
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after salt water spray for hours.		—	—	—	—	—
15	H ₂ S-EXPOSURE	Must not have heavy corrosion after ppm for hours.		—	—	—	—	—
16	SO ₂ -EXPOSURE	Must not have heavy corrosion after ppm for hours.		—	—	—	—	—

Notes:1

This temperature includes a rise by heat's generation of connector when electricity passes.

REMARKS

APPROVED	H. Yamamoto	94.3.25
REVIEWED		
CHECKED	J. Oma	94.3.25
DESIGNED	M. Gotoh	94.3.24
DRAWN	M. Gotoh	94.3.24

ISSUED BY
HRS HIROSE ELECTRIC CO., LTD.

PART NO.
DF1B-★-DEP-2.5RC

DRAWING NO.

SLC4-160056-01

SPECIFICATION SHEET

CODE No. 0350 9
CL541-0377-5-

NOTE QT:Qualification Test AT:Assurance Test O:Applicable item

FORM No.

(INC)

TO