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

APPLICABLE STANDARD					
RATING	VOLTAGE	CONTACT No. / ~ ※	AC 250 V / DC V	APPLICABLE CABLES	
	CURRENT	CONTACT No. / ~ ※	3 A	IMPEDANCE FREQUENCY RANGE	Ω (0~ Hz)
	POWER			OPERATING TEMPERATURE RANGE	-35℃~+85℃ (Notes:1)
	SPECIALTY				

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT.	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ADC ~~DC~~ 3-160094-02		—	—	—	○	○
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 ~~DC~~ 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. gauge size		—		gf	—	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.				kgf	—	—
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	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 m/s² 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	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				ISSUED BY
	APPROVED	H. Yamamoto	'94.3.25	HIROSE ELECTRIC CO., LTD.
	REVIEWED		. .	
	CHECKED	T. Oma	94.3.25	
	DESIGNED	M. Gotoh	'94.3.24	PART No. DF1B-※DES-2.5RC
	DRAWN	M. Gotoh	'94.3.24	

DRAWING No. SLC4-160094-02 | SPECIFICATION SHEET | CODE No. CL541-0346 1 / 0362 -8-

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

TO

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