S P E C I F I C A T I O N S

RATING

		CONTACT No.			APPLICABLE CABLES (Notes:2)				
VOLTAGE	/ ~	AC 250 V	V		IMPEDANCE	—	—	—	—
	/ ~	DC	V		FREQUENCY RANGE	—	Ω(0~		Hz)
CURRENT	CONTACT No.	~	) A		OPERATING TEMPERATURE RANGE	-35 °C ~ +85 °C (Notes1)			
	/ ~	~	) A						
POWER									
SPECIALTY									

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN·MATERIAL·FINISH	Applicable Std. and 96 — 20210		—	—	—	○	○
2	MARKING	Applicable Std. and 96 — 20210		—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC V.	MIL-STD-1344	—	30	MΩ	—	○
4	CONTACT RESISTANCE / UNIT·CONTACT	The voltage drop must be under the std. value at DC 0.1 A.		—	30	mΩ	—	○
	CONTACT	The voltage drop must be under the std. value at DC A.		—	—	mΩ	—	—
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC · V for one minute. DC		—	—	—	—	—
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 .4V.		—	—	—	—	—
8	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		—	—	N	—	—
9	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge. gauge size □0.635±0.002	MIL-STD-1344	40	450	N	○	—
10	HUMIDITY	Insulation resistance must be over the Std.value at - °C ~ X. hours. at high humidity / after high humidity		—	—	MΩ / MΩ	—	—
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range ~ Hz. amplitude mm, G at hours for directions.		—	—	—	—	—
12	SHOCK	Must have no damage, crack and looseness of parts after cycles at G in directions.		—	—	—	—	—
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for ~ °C. cycles.		—	—	—	—	—
14	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	○	—
15	SALT SPRAY (CORROSION).	Must not have heavy corrosion after X salt water spray for hours.		—	—	—	—	—
16	H2S-EXPOSURE	Must not have heavy corrosion after ppm for hours.		—	—	—	—	—
	SO2-EXPOSURE	Must not have heavy corrosion after ppm for hours.		—	—	—	—	—

REMARKS

Notes:1
This tempareture includes a rise by heat's generation of connector when electricity passes.
Notes:2
AWG #28 (OUTER DIAMETER φ0.9~1.39)

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

APPROVED	Yamamoto	'93·2·15	
REVIEWED		· ·	
CHECKED	J.Oma	'93.2.15	
DESIGNED	M. Gotoh	'93.2.12	
DRAWN	J.Shiraishi	'93.2.12	

HRS HIROSE ELECTRIC CO., LTD.

DRAWING No. SLC4-20210 — SPECIFICATION SHEET

CODE No. CL541-0222-9-

PART No. DF1B-R28