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

APPLICABLE STANDARD

RATING						
	VOLTAGE	CONTACT No. 1 ~	AC 250 V / DC V		APPLICABLE CABLES	-
	CURRENT	CONTACT No. 1 ~	3 A		IMPEDANCE FREQUENCY RANGE	Ω (O~ 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 ADC4 / DC -80519-01		—	—	—	O	O
2	MARKING			—	—	—	O	O
3	INSULATION RESISTANCE	Must be over standard value at DC V.			—	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	O	
	CONTACT	The voltage drop must be under the Std. value at DC A.		—		mΩ		
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC / DC . V for one minute.		—	—	—		
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 ℃ ~ %, hours. at high humidity			—	MΩ		—
		after high humidity			—	MΩ		—
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range ~ Hz, Total amplitude mm, G at hours for directions.		—	—	—		—
11	SHOCK	Must have no damage, crack and looseness of parts after cycles at . G in directions.		—	—	—		—
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for ~ ℃ cycles.		—	—	—		—
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	O	—
	CONTACT			—		mΩ		—
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after % salt water spray for hours.		—	—	—		—
15	H_2S-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 tempareture includes a rise by heat's generation of connector when electricity passes.

REMARKS				ISSUED BY
	APPROVED	M. Yamamoto	93.8.7	
	REVIEWED		. .	
	CHECKED	T. Oma	93.8.5	HIROSE ELECTRIC CO., LTD.
	DESIGNED	T. Shiraishi	93.8.5	PART No. DF1B-24PR
	DRAWN	T. Shiraishi	93.8.5	

DRAWING No.		CODE No.
SLC4-80519-01	SPECIFICATION SHEET	CL541-0667-5-

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

TO

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