

Δ COUNT		REVISIONS		BY	CHKD	DATE	Δ COUNT		REVISIONS		BY	CHKD	DATE
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APPLICABLE STANDARD			
RATING	VOLTAGE	CONTACT No. / ~	AC 250 V DC V
	CURRENT	CONTACT No. / ~	3 A
	POWER		
	SPECIALTY		
		APPLICABLE CABLES	
		IMPEDANCE FREQUENCY RANGE	Ω (0 ~ Hz)
		OPERATING TEMPERATURE RANGE	-35 °C ~ +85 °C (Notes 1)

  

### SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC4 Applicable Std. and AC -80519-01		—	—	—	○	○
2	MARKING			—	—	—	○	○
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	○	
	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. gauge size value at applicable gauge.		—		N		
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.				N		
9	HUMIDITY	Insulation resistance must be over the Std. value at at high humidity			—	MΩ		—
		℃ ~ % hours. 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	○	—
	CONTACT			—		mΩ		—
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after % salt water spray for hours.		—	—	—		—
15	H <sub>2</sub> S-EXPOSURE	Must not have heavy corrosion after ppm for hours.		—	—	—		—
16	SO <sub>2</sub> -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	<i>M. Yamamoto</i>	93.8.7	<div style="font-size: 2em; font-weight: bold;">HRS</div> <div style="font-weight: bold;">HIROSE ELECTRIC CO., LTD.</div>	ISSUED BY
	REVIEWED				
	CHECKED	<i>T. Oma</i>	93.8.5		
	DESIGNED	<i>T. Shiraishi</i>	93.8.5		
	DRAWN	<i>T. Shiraishi</i>	93.8.5		
DRAWING No.		SLC4-80519-01		SPECIFICATION SHEET	
				PART No. DF1B-24PR	
				CODE No. CL541-0667-5-	

  

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