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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

△	COUNT	REVISIONS	BY	CHKD	DATE	△	COUNT	REVISIONS	BY	CHKD	DATE
△						△					
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APPLICABLE STANDARD		CONTACT No. 1~8		AC 250 V	APPLICABLE CABLES
RATING	VOLTAGE	DC	V		
	CURRENT	CONTACT No. 1~8	AWG 24	2A	IMPEDANCE FREQUENCY RANGE
	POWER				Ω (0~ Hz)
	SPECIALTY				OPERATING TEMPERATURE RANGE
					-30 °C ~ +85 (Notes 1)

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and ^{see} 3-20799.		—	—	—	○	○
2	MARKING			—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500V.	MIL-STD-1344	1000	—	MΩ	○	
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC A.		—		mΩ		
	CONTACT	The voltage drop must be under the Std. value at DC A.		—		mΩ		
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC ^{see} 650 V for one minute.	MIL-STD-1344	—	—	—	○	
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC 20mV 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.		—		N		
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.				N		
9	HUMIDITY	Insulation resistance must be over the Std. value at 40±2°C 90~95% 96 hours.	MIL-STD-1344	1000	—	MΩ	○	—
		at high humidity after high humidity						
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 ~ °C cycles.		—	—	—		—
13	DURABILITY	Must be less than the Std. value after insertion and extraction cycles at the condition described in above item No.4.		—		mΩ		—
	CONTACT			—		mΩ		—
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after X 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	M. Yamamoto	93.5.14	<div style="font-size: 2em; font-weight: bold; margin-bottom: 5px;">HRS</div> HIROSE ELECTRIC CO., LTD.	ISSUED BY
	REVIEWED				
	CHECKED	J. Oma	93.5.14		
	DESIGNED	C. Hamami	93.5.14		
	DRAWN	J. Shiraishi	93.5.13		
DRAWING No. SLC4-20799 - SPECIFICATION SHEET				PART No. DF11-8DS-2C	CODE No. CL543-0503-0-

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

