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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

RATING				APPLICABLE CABLES	
	VOLTAGE	CONTACT No. 1 ~ ※	AC 250 V / DC V		
	CURRENT	CONTACT No. 1 ~ ※	2 A	IMPEDANCE FREQUENCY RANGE	Ω (O ~ Hz)
	POWER			OPERATING TEMPERATURE RANGE	-30 ℃ ~ +85 (Notes1)
	SPECIALTY				

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ADC DC3 — 80371 ~ 20829		—	—	—	○	○
2	MARKING			—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500 V.	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~~	MIL-STD-1344		—	MΩ		—
		after high humidity		1000	—	MΩ	○	—
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10 ~ 55 Hz. Total amplitude 1.5 mm. 6 at 2 hours for 3 directions.	MIL-STD-1344	—	—	—	○	—
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 -55 ~ +85 ℃ 5 cycles. total 5hours	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.		—	30	mΩ	○	—
	CONTACT			—		mΩ		—
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after 5 % salt water spray for 48 hours.	MIL-STD-1344	—	—	—	○	—
15	H2S-EXPOSURE	Must not have heavy corrosion after 3 ppm for 96 hours.	JEIDA-38	—	—	—	○	—
16	SO2-EXPOSURE	Must not have heavy corrosion after ppm for hours.		—	—	—		—

Notes:1
This temparature includes a rise by heat's generation of connector when electricity passes.

REMARKS				ISSUED BY
	APPROVED	H. Yamamoto	90.8.29	
	REVIEWED		. .	
	CHECKED		. .	
	DESIGNED	T. Ono	90.8.27	PART No. DF11-※DP-2DSA(01)
	DRAWN	T. Ono	90.8.29	

HRS HIROSE ELECTRIC CO., LTD.

DRAWING No. SLC4-162393-01 | SPECIFICATION SHEET | CODE No.

TO

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