

Δ	COUNT	REVISIONS	BY	CHKD	DATE	Δ	COUNT	REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD											
RATING	VOLTAGE	CONTACT NO. 1 ~ X	AC 250 V			APPLICABLE CABLES					
	CURRENT	CONTACT NO. 1 ~ X	2 A			IMPEDANCE FREQUENCY RANGE					
	POWER					OPERATING TEMPERATURE RANGE					
	SPECIALTY					-30 ℃ ~ +85 (Notes1)					

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC 80377		—	—	—	○	○
2	MARKING	Applicable Std. and DC3 ~ 20829		—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500 V.	MIL-STD-1344	1000	—	MΩ	○	
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 0.1 A.	MIL-STD-1344	—	30	mΩ	○	
	Unit CONTACT	The voltage drop must be under the Std. value at DC A.		—		mΩ		
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC 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. gauge size value at applicable gauge.		—		gf		
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.				kof		
9	HUMIDITY	Insulation resistance must be over the Std. value at 40±2 ℃ 90 ~ 95%, 96 hours.	MIL-STD-1344		—	MΩ		—
		at high humidity 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, G 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 5 hours	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 x salt water spray for 48 hours.	MIL-STD-1344	—	—	—	○	—
15	H ₂ S-EXPOSURE	Must not have heavy corrosion after 3 ppm for 96 hours.	JEIDA-38	—	—	—	○	—
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	90.8.29	HRS HIROSE ELECTRIC CO., LTD.	ISSUED BY
	REVIEWED		. .		
	CHECKED		. .		
	DESIGNED	J. Oma	90.8.29		
	DRAWN	J. Oma	90.8.29		
DRAWING No.				PART No.	
SLC4-162393-01				DF11-XDP-2DSA (01)	
SPECIFICATION SHEET				CODE No.	

TO