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APPLICABLE STANDARD					
RATING	VOLTAGE	CONTACT NO. 1 ~ *	AC 250 V DC V	APPLICABLE CABLES	
	CURRENT	CONTACT NO. 1 ~ *	2 A	IMPEDANCE FREQUENCY RANGE	Ω (0 ~ Hz)
	POWER			OPERATING TEMPERATURE RANGE	-30 °C ~ +85 (Notes1)
	SPECIALTY				

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC 80377 Applicable Std. and		-	-	-	○	○
2	MARKING	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	MIL-STD-1344	-	30	mΩ	○	
	Unit CONTACT	at DC 0.1 A.						
	CONTACT	The voltage drop must be under the Std. value		-	-	mΩ		
	CONTACT	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 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. 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 °C 90 ~ 95% 96 hours.	MIL-STD-1344	-	-	MΩ	-	-
				at 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°C 5 cycles. total 5 hours	MIL-STD-1344	-	-	-	○	-
13	DURABILITY Unit CONTACT 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	○	-
				-	-	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	<i>M. Yamamoto</i>	90.8.29	HRS HIROSE ELECTRIC CO., LTD.	ISSUED BY
	REVIEWED				
	CHECKED				
	DESIGNED	<i>J. Oma</i>	90.8.29		
	DRAWN	<i>J. Oma</i>	90.8.29		
DRAWING No. SLC4-162393-01				PART No. DF11-X:DP-2DSA(01)	CODE No.
SPECIFICATION SHEET					

TO