


△ COUNT	REVISIONS	BY	CHKD	DATE	△ COUNT	REVISIONS	BY	CHKD	DATE	
△					△					
△					△					
APPLICABLE STANDARD										
RATING	VOLTAGE	CONTACT No. 1~100	AC 250 V DC - V	APPLICABLE CABLES						
	CURRENT	CONTACT No. 1~100	0.5 A	IMPEDANCE FREQUENCY RANGE			Ω (0~ Hz)			
	POWER				OPERATING TEMPERATURE RANGE			- 55 ℃ ~ + 85 ℃		
	SPECIALTY									
SPECIFICATIONS										
No.	ITEM	CONDITIONS			TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ^{ADC} 3-40393				-	-	-	○	○
2	MARKING	Applicable Std. and ^{DC} 3-40393				-	-	-	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500V.			MIL-STD-202-302 Condition A	500	-	MΩ	○	○
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 0.1 A.				-	35	mΩ	○	○
	CONTACT	The voltage drop must be under the Std. value at DC A.				-	-	mΩ	-	-
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the ^{AC} 500 V for one minute.			MIL-STD-202-301	-	-	-	○	○
6	V SWR	Must be under the Std. value at frequency ~ Hz.				-	-	-	-	-
7	INSERTION LOSS	Must be under the Std. value at frequency ~ Hz.				-	-	dB	-	-
8	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC 20mV less and mA.				-	-	mΩ	-	-
9	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.				4	15	kgf	○	-
10	HUMIDITY	Insulation resistance must be over the Std. value at		at high humidity	MIL-STD-202-103 Condition B	1	-	MΩ	○	-
		40 ℃, 90~95% 96 hours.		after high humidity		100	-	MΩ	○	-
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10~55 Hz, Total amplitude 1.52mm, -G at 2 hours for 3 directions.			MIL-STD-202-201A	-	-	-	○	-
12	SHOCK	Must have no damage, crack and looseness of parts 50 G at 3 times for 3 directions.			MIL-STD-202-213B Condition(A)	-	-	-	○	-
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~+85 ℃ 5 cycles.			MIL-STD-202-102A Condition(D)	-	-	-	○	-
14	DURABILITY	Must be less than the Std. value after 1000 times insertion and extraction at the condition described in above item No.4.				-	35	mΩ	○	-
	CONTACT					-	-	mΩ	-	-
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 x salt water spray for 48 hours.			MIL-STD-202-101D Condition B	-	-	-	○	-
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kgf/cm ² hours.				-	-	-	-	-
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm ² mmHg min sec				-	-	-	-	-
REMARKS										
		APPROVED	A. Nakayama 3.14.90		 HIROSE ELECTRIC CO., LTD.			ISSUED BY		
		REVIEWED								
		CHECKED	S. Kikuta 4.14.90							
		DESIGNED	M. Nakamura 3.14.90							
		DRAWN								
					PART No. DX30AM-100P					
DRAWING No. SLC4-40393 -					SPECIFICATION SHEET					
					CODE No. CL230-5031-0-					