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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	
△						△						
△						△						
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					-	-	-	0	0	
2	MARKING	Applicable Std. and ^{DC} 3-40393					-	-	-	0	0	
3	INSULATION RESISTANCE	Must be over standard value at DC 500V.				MIL-STD-202-302 Condition A	500	-	MΩ	0	0	
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 0.1 A.					-	35	mΩ	0	0	
	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	-	-	-	0	0	
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	0	-	
10	HUMIDITY	Insulation resistance must be over the Std. value at		at high humidity		MIL-STD-202-103 Condition B	1	-	MΩ	0	-	
		40 ℃, 90~95% x 96 hours.		after high humidity			100	-	MΩ	0	-	
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	-	-	-	0	-	
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)	-	-	-	0	-	
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~+85 ℃, 5 cycles.				MIL-STD-202-102A Condition(D)	-	-	-	0	-	
14	DURABILITY	CONTACT	Must be less than the Std. value after 1000 times insertion and extraction at the condition described in above item No.4.					-	35	mΩ	0	-
		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	-	-	-	0	-	
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-			

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