

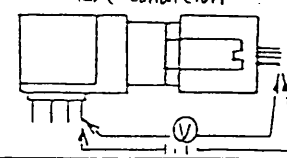

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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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APPLICABLE STANDARD									
RATING	VOLTAGE	CONTACT NO. / ~ 20	AC 250 V DC V	APPLICABLE CABLES		UL2789 AWG No.28			
	CURRENT	CONTACT NO. / ~ 20	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	ADC		-	-	-	○	○
2	MARKING	Applicable Std. and DC ³ -42472		-	-	-	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500 V.	MIL-STD-202 -302 A	500	-	MΩ	○	○
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value		-	-	mΩ	○	○
	Unit CONTACT	at DC 0.1 A.		-	35	mΩ	○	○
4	CONTACT	The voltage drop must be under the Std. value		-	-	mΩ	-	-
	CONTACT	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 DC20mV 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.		0.8	3.0	kgf	○	-
10	HUMIDITY	Insulation resistance must be over the Std. value at	MIL-STD-202	1	-	MΩ	○	-
		40℃ 90 ~ 95% 96 hours.	-103 (B)	100	-	MΩ	○	-
10	HUMIDITY	at high humidity		-	-	-	-	-
		after high humidity		-	-	-	-	-
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 -201 A	-	-	-	○	-
12	SHOCK	Must have no damage, crack and looseness of parts 50 G at 3 times for 3 directions.	MIL-STD-202 -213 B (A)	-	-	-	○	-
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ 85℃ 5 cycles.	MIL-STD-202 -102 A (D)	-	-	-	○	-
14	DURABILITY	Must be less than the Std. value after 1,000 times insertion and extraction at the condition described in above item No.4.		-	-	mΩ	○	-
	Unit CONTACT			-	35	mΩ	○	-
14	CONTACT			-	-	mΩ	-	-
	CONTACT			-	-	mΩ	-	-
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 x salt water spray for 48 hours.	MIL-STD-202 -101 D (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		-	-	-	-	-

REMARKS (10) Contact resistance test condition 	APPROVED	A. Nakamura	10.4.90	ISSUED BY  HIROSE ELECTRIC CO., LTD.
	REVIEWED	S. Kikuta	10.4.90	
	CHECKED	M. Nakamura	10.4.90	
	DESIGNED	N. NISIMATU	10.4.90	
	DRAWN			
DRAWING No. SLC4-42472 - SPECIFICATION SHEET				PART No. DX30AM-20P CODE No. CL230-5025-7-