

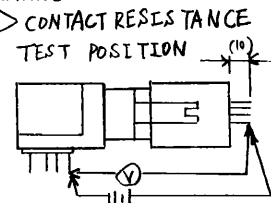

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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD		
RATING	VOLTAGE CONTACT NO. 1~14 AC 250 V DC V	APPLICABLE CABLES
	CURRENT CONTACT NO. 1~14 0.5 A	IMPEDANCE FREQUENCY RANGE Ω (0~ Hz)
	POWER	OPERATING TEMPERATURE RANGE ℃~ ℃
	SPECIALTY	

SPECIFICATIONS

NO.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ADC DC 3-43115		-	-	-	0	0
2	MARKING			-	-	-	0	0
3	INSULATION RESISTANCE	Must be over standard value at DC 500 V.	MIL-STD-202-302 A	500	-	MΩ	0	0
4	CONTACT RESISTANCE UNIT CONTACT	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 S W R	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.		-	-	N	-	-
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		5.49	17.7	N	0	-
10	HUMIDITY	Insulation resistance must be over the Std. value at 40℃. 90~95% 96 hours.	MIL-STD-202-103 (B)	/	-	MΩ	0	-
		at high humidity 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, ~ m/s ² at h for directions.	MIL-STD-202-201A	-	-	-	0	-
12	SHOCK	Must have no damage, crack and looseness of parts 490 m/s ² at 3 times for 3 directions.	MIL-STD-202-203B (A)	-	-	-	0	-
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~85℃, 5 cycles.	MIL-STD-202-102A (B)	-	-	-	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	-
				-	-	mΩ	-	-
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5% salt water spray for 48 hours.	MIL-STD-202-101D (B)	-	-	-	0	-
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kPa hours.		-	-	-	-	-
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kPa min s		-	-	-	-	-

TO Q1	REMARKS ① CONTACT RESISTANCE TEST POSITION 	APPROVED A. Nakazawa 92.10.26	RELEASED  HIROSE ELECTRIC CO., LTD.
		REVIEWED	
		CHECKED A. Nakazawa 92.10.26	
		DESIGNED S. Iwamoto 92.10.26	
		DRAWN H. Shimizu 92.10.26	
DRAWING NO. SLC4-43115 - SPECIFICATION SHEET		PART NO. DX30AM-14P CODE NO. CL230-5024-4-	

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

