

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 °C ~ °C
	SPECIALTY	

SPECIFICATIONS									
NO.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT	
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ADC 3-43/15		—	—	—	○	○	
2	MARKING	DC		—	—	—	○	○	
3	INSULATION RESISTANCE	Must be over standard value at DC 500 V.	MIL-STD-202-302	500	—	MΩ	○	○	
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 0.1 A.		—	35	mΩ	○	○	
	UNIT 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 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 DC20mV 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	○	—	
10	HUMIDITY	Insulation resistance must be over the Std. value at 40 °C. 90~95 %, 96 hours.	MIL-STD-202-103 (B)	/	—	MΩ	○	—	
		at high humidity 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, — m/s ² at h for directions.	MIL-STD-202-201A	—	—	—	○	—	
12	SHOCK	Must have no damage, crack and looseness of parts 490 m/s ² at 3 times for 3 directions.	MIL-STD-202-213B (A)	—	—	—	○	—	
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for 55~85 °C, 5 cycles.	MIL-STD-202-102A (B)	—	—	—	○	—	
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 % salt water spray for 48 hours.	MIL-STD-202-101D (B)	—	—	—	○	—	
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kPa hours.		—	—	—	—	—	
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kPa min s		—	—	—	—	—	

REMARKS ① CONTACT RESISTANCE TEST POSITION	APPROVED	A. Nakazawa	92.10.26	RELEASED
	REVIEWED			
	CHECKED	A. Nakazawa	92.10.26	
	DESIGNED	S. Shimizu	92.10.26	
	DRAWN	H. Shimizu	92.10.26	

DRAWING NO. SLC4-43/15	SPECIFICATION SHEET	PART NO. DX30AM-14P
		CODE NO. CL230-5024-4-

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

TO
Q1

