

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD		CONTACT NO. <u>1-14</u>		AC <u>250</u> V	DC <u> </u> V	APPLICABLE CABLES	
RATING	VOLTAGE	CONTACT NO. <u>1-14</u>	DC <u>0.5</u> A			IMPEDANCE FREQUENCY RANGE	Ω (0 ~ Hz)
	CURRENT					OPERATING TEMPERATURE RANGE	$^{\circ}\text{C}$ ~ $^{\circ}\text{C}$
	POWER						
	SPECIALTY						

SPECIFICATIONS

NO.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ^{ADC} <u>3-43/15</u>		—	—	—	○	○
2	MARKING			—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC <u>500</u> V.	MIL-STD-202-302	<u>500</u>	—	M Ω	○	○
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC <u>0.1</u> A.		<u>35</u>	—	m Ω	○	○
	UNIT CONTACT	The voltage drop must be under the Std. value at DC <u> </u> A.		—	—	m Ω	—	—
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC <u>500</u> 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.		—	—	m Ω	—	—
9	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge. gauge size		—	—	N	—	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		<u>5.49</u>	<u>17.7</u>	N	○	—
10	HUMIDITY	Insulation resistance must be over the Std. value at <u>40^{\circ}\text{C}</u> <u>90-95%</u> <u>96</u> hours.	MIL-STD-202-103 (B)	<u>1</u>	—	M Ω	○	—
		at high humidity after high humidity		<u>100</u>	—	M Ω	○	—
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range <u>10-55</u> Hz, Total amplitude <u>1.52</u> mm, — m/s ² at h for directions.	MIL-STD-202-201A	—	—	—	○	—
12	SHOCK	Must have no damage, crack and looseness of parts <u>490</u> m/s ² at <u>3</u> times for <u>3</u> directions.	MIL-STD-202-203B (A)	—	—	—	○	—
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for <u>55-85^{\circ}\text{C}</u> , <u>5</u> cycles.	MIL-STD-202-102A (B)	—	—	—	○	—
14	DURABILITY	Must be less than the Std. value after <u>1000</u> times insertion and extraction at the condition described in above item No.4.		<u>35</u>	—	m Ω	○	—
	CONTACT			—	—	m Ω	—	—
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after <u>5%</u> salt water spray for <u>48</u> hours.	MIL-STD-202-101D (B)	—	—	—	○	—
16	WATER PRESSURE WITHSTANDING	No leakage at depth <u> </u> m kPa hours.		—	—	—	—	—
17	AIR PRESSURE WITHSTANDING	No leakage at pressure <u> </u> kPa min s		—	—	—	—	—

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

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

