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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

APPLICABLE STANDARD									
RATING	VOLTAGE	CONTACT No. 1-13	AC 100 V		APPLICABLE CABLES				
	CURRENT	CONTACT No. 1-13	DC 140 V	2 A	IMPEDANCE FREQUENCY RANGE	— Ω (0 ~ Hz)			
	POWER				OPERATING TEMPERATURE RANGE	-10 ℃ ~ +60 ℃			
	SPECIALTY								

SPECIFICATIONS

NO.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT	
1	DESIGN-MATERIAL-FINISH	ADC		—	—	—	○	○	
2	MARKING	Applicable Std. and DC ³ -29989		—	—	—	○	○	
3	INSULATION RESISTANCE	Must be over standard value at DC 250 V.		1000	—	MΩ	○	○	
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC / A.		—	30	mΩ	○	○	
	Unit CONTACT CONTACT	The voltage drop must be under the Std. value at DC A.		—	—	mΩ	—	—	
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC $\frac{AC}{DC}$ 300 V for one minute.		—	—	—	○	○	
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.		—	—	N	—	—	
	MATING AND UNMATING FORCES	Must be suitable for the Std. value. (Without lock)		—	50	N	○	—	
10	HUMIDITY	Insulation resistance must be over the Std. value at 85 ℃. 90 ~ 95 % x 96 hours.	at high humidity	JIS C 0022	10	—	MΩ	○	—
			after high humidity		100	—	MΩ	○	—
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10 ~ 55 Hz, Total amplitude 1.5 mm, m/s ² at h for directions.	JIS C 0040	—	—	—	○	—	
12	SHOCK	Must have no damage, crack and looseness of parts 490 m/s ² at 3 times for 3 directions.	JIS C 0041	—	—	—	○	—	
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ +85 ℃, 5 cycles.	JIS C 0025	—	—	—	○	—	
14	DURABILITY Unit CONTACT CONTACT	Must be less than the Std. value after 1000 times insertion and extraction at the condition described in above item No. 4.	JIS C 5037	—	45	mΩ	○	—	
			"	—	—	mΩ	—	—	
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 x salt water spray for 48 hours.	JIS C 0023	—	—	—	○	—	
16	RESISTANCE TO SOLDERING HEAT	After immersion of the contact dip post part in the solder bath at 260 ± 5 ℃ for 10 ± 1 sec, there shall be no melting insulator or defect.		—	—	—	○	—	
17	LOCK STRENGTH	Must have no removal of connector under Std. value.		50	—	N	○	—	

REMARKS	APPROVED	<i>M. Yoshida</i> 12.10.92	RELEASED
	REVIEWED		
	CHECKED		
	DESIGNED	<i>M. Sato</i> 12.2.92	
	DRAWN	<i>Y. Tanayama</i> 12.2.92	
DRAWING NO.		PART NO.	
SLC4-29989 - SPECIFICATION SHEET		RP13A-12RC-13PB	
CODE NO.		CL 113-1020-8-	

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