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

APPLICABLE STANDARD			
RATING	VOLTAGE	CONTACT NO. — ~ —	AC — V DC — V
	CURRENT	CONTACT NO. — ~ —	2 A
	POWER	—	
	SPECIALTY	—	
APPLICABLE CABLES		AWG #30 ~ #24 (Insulation Dia. 1.2 Max)	
IMPEDANCE FREQUENCY RANGE		— Ω (0 ~ — Hz)	
OPERATING TEMPERATURE RANGE		-25 °C ~ 85 °C	

### SPECIFICATIONS

NO.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and DC <sup>3</sup> -10238		—	—	—	○	○
2	MARKING			—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC V.		—	—	MΩ	—	—
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 1 A.		—	15	mΩ	○	—
	CONTACT	The voltage drop must be under the Std. value at DC A.		—	—	mΩ	—	—
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC DC 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. value at applicable gauge. gauge size		—	—	N	—	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		—	—	N	—	—
10	HUMIDITY	Insulation resistance must be over the Std. value at °C ~ X, hours. at high humidity		—	—	MΩ	—	—
		after high humidity		—	—	MΩ	—	—
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range ~ Hz, Total amplitude mm, m/s <sup>2</sup> at h for directions.		—	—	—	—	—
12	SHOCK	Must have no damage, crack and looseness of parts m/s <sup>2</sup> at times for directions.		—	—	—	—	—
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for ~ °C, cycles.		—	—	—	—	—
14	DURABILITY	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	—	20	mΩ	○	—
	CONTACT			—	—	mΩ	—	—
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 x salt water spray for 48 hours.	JIS C 5028	—	—	—	○	—
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kPa hours.		—	—	—	—	—
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kPa min s		—	—	—	—	—
18	Crimped termination Conductor tensil strength	The only Conductor part of suitable cable shall be crimped with the wire an extraction force is applied which is more than the standard.	AWG #30 (1/20.1) AWG #28 (1/21.2) AWG #26 (1/22.1) AWG #24 (1/23.1)	10 16 24 36	—	N	○	—

REMARKS	APPROVED	<i>M. Gashida</i> 4.14.93	RELEASED
	REVIEWED		
	CHECKED	<i>M. Gashida</i> 4.14.93	
	DESIGNED	<i>J. Kaneko</i> 4.13.93	
	DRAWN	<i>J. Kaneko</i> 4.12.93	
DRAWING NO.		PART NO.	
SLC4-10238 - SPECIFICATION SHEET		RP17-PC-122	
CODE NO.		CL113-0504-9-	

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