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

Δ COUNT	REVISIONS	BY	CHKD	DATE	Δ COUNT	REVISIONS	BY	CHKD	DATE	
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APPLICABLE STANDARD										
RATING	VOLTAGE	CONTACT NO. 1 ~ 4	AC 30 V DC 42 V	APPLICABLE CABLES						
	CURRENT	CONTACT NO. 1 ~ 4	3 A	IMPEDANCE FREQUENCY RANGE			— Ω (0 — Hz)			
	POWER				OPERATING TEMPERATURE RANGE			-25 °C ~ +85 °C		
	SPECIALTY									
SPECIFICATIONS										
No.	ITEM	CONDITIONS			TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and DC 3-110263				—	—	—	0	0
2	MARKING					—	—	—	0	0
3	INSULATION RESISTANCE	Must be over standard value at DC 100V.				1000	—	MΩ	0	0
4	CONTACT RESISTANCE UNIT CONTACT	The voltage drop must be under the Std. value at DC 1 A.				—	30	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 150 V for one minute.				—	—	—	0	0
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				—	—	—	—	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.				5	50	N	0	—
10	HUMIDITY	Insulation resistance must be over the Std. value at		at high humidity	JIS C0022	10	—	MΩ	0	—
		40 ~ 90 ~ 95 % 96 hours.		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 1.5 mm. — at 2 hours for 3 directions.			JIS C0040	—	—	—	0	—
12	SHOCK	Must have no damage, crack and looseness of parts 490 m/s ² at 3 times for 3 directions.			JIS C0041	—	—	—	0	—
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ +85 °C 5 cycles.			JIS C0025	—	—	—	0	—
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 C5037	—	60	mΩ	0	—
						—	—	mΩ	—	—
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 % salt water spray for 48 hours.				—	—	—	0	—
16	WATER PRESSURE WITHSTANDING	No leakage at depth m — hours.				—	—	—	—	—
17	AIR PRESSURE WITHSTANDING	No leakage at pressure — mmHg min sec				—	—	—	—	—
REMARKS										
		APPROVED	M. Kawa 94.7.8		HIROSE ELECTRIC CO., LTD.			ISSUED BY		
		REVIEWED								
		CHECKED	M. Goshida 94.7.7							
		DESIGNED	H. Zemba 94.7.4							
		DRAWN	H. Zemba 94.7.4							
					PART No.			RP34-8R-4PDL		
DRAWING No.					CODE No.			CL 113-5098-7-		
SLC4-110263 -					SPECIFICATION SHEET					

