

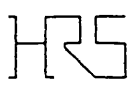
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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

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 3-10242		—	—	—	○	○
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 φ0.57-0.003		0.15	—	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 ² at h for directions.		—	—	—	—	—
12	SHOCK	Must have no damage, crack and looseness of parts m/s ² at times for directions.		—	—	—	—	—
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for ~ °C, cycles.		—	—	—	—	—
14	DURABILITY	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	—	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		—	—	—	—	—
18	Crimped termination Conductor tensile 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 (7/32) AWG #28 (7/32) AWG #26 (7/32) AWG #24 (7/32)	10 16 24 36	—	N	○	—

REMARKS	APPROVED	<i>M. Yoshida</i>	4.13.93	 HIROSE ELECTRIC CO., LTD.	RELEASED
	REVIEWED				
	CHECKED	<i>M. Yoshida</i>	4.13.93		
	DESIGNED	<i>J. Kaneko</i>	4.13.93		
	DRAWN	<i>J. Kaneko</i>	4.12.93		
DRAWING NO.				PART NO.	
SLC4-10242 - SPECIFICATION SHEET				RP17-SC-122	
CODE NO.				CL113-0506-4-	

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