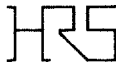


A		COUNT		REVISIONS		BY	CHKD	DATE	A		COUNT		REVISIONS		BY	CHKD	DATE
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APPLICABLE STANDARD																				
RATING	VOLTAGE	CONTACT No.	AC — V													APPLICABLE CABLES	26-30AWG (Insulation Dia: 1mm Max)			
	CURRENT	CONTACT No.	DC — V													IMPEDANCE FREQUENCY RANGE	— 2 (0 ~ — Hz)			
	POWER													OPERATING TEMPERATURE RANGE	- 15 °C ~ 60 °C					
	SPECIALTY																			

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC 3		—	—	—	○	○
2	MARKING	Applicable Std. and DC 3-22994		—	—	—	○	○
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.		—	10	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 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.		—	—	mΩ	—	—
9	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. gauge size value at applicable gauge. φ0.53±0.003		15	—	gf	○	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		—	—	kgf	—	—
10	HUMIDITY	Insulation resistance must be over the Std. value at °C ~ % 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, G at hours for directions.		—	—	—	—	—
12	SHOCK	Must have no damage, crack and looseness of parts G 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 1,000 times insertion and extraction at the condition described in above item No.4.	JISC 5037	—	15	mΩ	○	—
			—	—	mΩ	—	—	
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 % salt water spray for 48 hours.	JISC 0023	—	—	—	○	—
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kgf/cm² hours.		—	—	—	—	—
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm² mmHg min sec		—	—	—	—	—
18	Crimp Tensile Strength	Must be over the standard value.	30AWG (7/0.1 dia)	1	—	kgf	○	—
			28AWG (7/0.12 dia)	1.6				
			26AWG (7/0.16 dia)	2.4				

REMARKS	APPROVED	M. Kawai	1.16.90	 HIROSE ELECTRIC CO., LTD.	ISSUED BY
	REVIEWED				
	CHECKED	M. Yoshida	1.16.90		
	DESIGNED	H. Zemba	1.9.90		
	DRAWN	E. Kawamura	1.6.90		
DRAWING No.			PART No.		
SLC4-22994-SPECIFICATION SHEET			HR12-SC-111		
CODE No.			CL112-0410-0-		