

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

Δ	REVISIONS	BY CHKD	DATE	Form	REVISIONS	BY CHKD	DATE
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APPLICABLE STANDARD		CONTACT NO.	AC	DC	APPLICABLE CABLES	AWG #	Insulation Dia	Max
RATING		VOLTAGE	~	~	AWG 26~30	#	2 (0~	Hz)
POWER		CURRENT	2	A	IMPEDANCE FREQUENCY RANGE		-15	+60
SPECIALTY					OPERATING TEMPERATURE RANGE			

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN MATERIAL-FINISH	ADC Applicable std. and dc 3-21313						
2	MARKING							
3	INSULATION RESISTANCE	Must be over standard value at DC V.				MΩ		
4	CONTACT RESISTANCE	CONTACT	The voltage drop must be under the Std. value at DC 1 A.		10	mΩ	0	
		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. value at applicable gauge.	15		gf	0	
			Must be suitable for the Std. value.			Kgf		
10	HUMIDITY	Insulation resistance must be over the Std. value at ~ % hours.				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	CONTACT	Must be less than the Std. value after 1000 times insertion and extraction at the condition described in above item No.4.		15	mΩ	0	
15	SALT SPRAY (CORROSION)	CONTACT	Must not have heavy corrosion after 5 x salt water spray for 48 hours.					
			No leakage at depth m kat/2 ⁴ hours.					
16	WATER PRESSURE WITHSTANDING	No leakage at pressure kat/2 ⁴ hours.						
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kat/2 ⁴ hours.						
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.					Kgf	0

REMARKS

APPROVED *M. Yoshida* 9.23.91
 REVIEWED
 CHECKED *M. Sato* 4.23.91
 DESIGNED *M. Ando* 4.16.91
 DRAWN *E. Kawamura* 4.12.91

HRS HIROSE ELECTRIC CO., LTD.

PART NO. HRI2-SC-212

DRAWING NO. SLC4-21313 - SPECIFICATION SHEET CODE NO. CL112-0408-9-