

COUNT		REVISIONS		BY	CHKD	DATE	COUNT		REVISIONS		BY	CHKD	DATE
△							△						
△							△						

APPLICABLE STANDARD									
RATING	VOLTAGE	CONTACT NO.	AC — V		APPLICABLE CABLES	AWG #26~30 (Insulation Dia 1 Max)			
	CURRENT	CONTACT NO.	DC — V	2 A	IMPEDANCE FREQUENCY RANGE	— Ω (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		—	—	—	○	○
2	MARKING	Applicable Std. and DC 3-21313		—	—	—	○	○
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. value at applicable gauge. gauge size 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 ~ % 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 1000 times insertion and extraction at the condition described in above item No.4.	JIS C 5037	—	15	mΩ	○	—
			—	—	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 kgf/cm² hours.		—	—	—	—	—
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm² mmHg min sec		—	—	—	—	—
18	Crimped termination Conductor tensile Strength.	The only Conductor part of suitable cable shall be crimped with the wire, on extraction force is applied which is more than the standard.	AWG #30 (7/40.1) AWG #28 (7/40.12) AWG #26 (7/40.16)	1 1.6 2.4	—	kgf	○	—

REMARKS	APPROVED	M. Yoshida	4.23.91	<div style="font-size: 2em; font-weight: bold;">HRS</div> <div>HIROSE ELECTRIC CO., LTD.</div>	ISSUED BY
	REVIEWED				
	CHECKED	M. Sato	4.23.91		
	DESIGNED	M. Onodera	4.16.91		
	DRAWN	E. Kawamura	4.12.91		
DRAWING No.			PART No.		
SLC4-21313 - SPECIFICATION SHEET			HR12-SC-212		
CODE No.			CL112-0408-9-		

NOTE QT:Qualification Test AT:Assurance Test O:Applicable item FORM No.