

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 $\phi 0.53 \pm 0.003$			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		at high humidity			—	—	MΩ	—	—			
		°C ~ % hours.		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	○	—			
	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 kgf/cm ² hours.					—	—	—	—	—			
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm ² mmHg					—	—	—	—	—			
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)	1	—	kgf	○	—			
		AWG #28 (7/40.12)	1.6											
		AWG #26 (7/40.16)	2.4											
REMARKS		APPROVED	M. Yoshida 4.23.91		HRS HIROSE ELECTRIC CO., LTD.		ISSUED BY							
		REVIEWED												
		CHECKED	M. Sato 4.23.91											
		DESIGNED	M. Onodera 4.16.91											
		DRAWN	E. Kawamura 4.12.91		PART NO.		HR12-SC-212							
DRAWING No.		SLC4-21313 - SPECIFICATION SHEET				CODE No.		CL112-0408-9-						

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