

A		COUNT		REVISIONS		BY	CHKD	DATE	A		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				IMPEDANCE FREQUENCY RANGE	— Ω (0 ~ — Hz)							
	POWER								OPERATING TEMPERATURE RANGE	-25 ℃ ~ +85 ℃							
	SPECIALTY																
SPECIFICATIONS																	
No.	ITEM	CONDITIONS							TEST STANDARD	MIN	MAX	UNITS	QT	AT			
1	DESIGN-MATERIAL-FINISH	ADC								—	—	—	○	○			
2	MARKING	Applicable Std. and DC 3-21602								—	—	—	○	○			
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 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 DC20mV less and mA.								—	—	mΩ	—	—			
9	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge.								—	—	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.								—	—	MΩ	—	—			
		at high humidity 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 ~ ℃ 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	—	15	mΩ	○	—			
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 % salt water spray for 48 hours.							JIS C 5028	—	—	—	○	—			
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kof/cm ² hours.								—	—	—	—	—			
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kof/cm ² mmHg min sec								—	—	—	—	—			
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.								1	—	kgf	○	—			
		AWG #30 (7/0.1)								1.6	—	—	—	—			
		AWG #28 (7/0.12)								2.4	—	—	—	—			
		AWG #26 (7/0.16)								—	—	—	—	—			
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																
DRAWING No.		SLC4-21602 — SPECIFICATION SHEET							PART No.		HR10-PC-212						
									CODE No.		CL110-0514-3-						