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 In case that the application demands a high level of reliability, such as automotive,
 please contact a company representative for further information.

A		REVISIONS			BY	CHKD	DATE	A		REVISIONS			BY	CHKD	DATE
△								△							
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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	2 A			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 DC 20mV less and mA.					—	—	mΩ	—	—				
9	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge.		gauge size			—	—	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	—	—				
		℃ ~ %, 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 ~ ℃ 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 kof/cm ² hours.					—	—	—	—	—				
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kof/cm ² mmHg					—	—	—	—	—				
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.				AWG # 30 (7/0.1)	1	—	kgf	○	—				
		AWG # 28 (7/0.12)	1.6												
		AWG # 26 (7/0.16)	2.4												
REMARKS		APPROVED	M. Yoshida 4-23-91		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-									