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△ COUNT	REVISIONS	BY	CHKD	DATE	△ COUNT	REVISIONS	BY	CHKD	DATE	
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APPLICABLE STANDARD										
RATING	VOLTAGE	CONTACT No. — ~ —	AC — V	DC — V	APPLICABLE CABLES		AWG#26~#30(INSULATION DIA 1 MAX)			
	CURRENT	CONTACT No. — ~ —	2 A		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 Applicable Std. and DC 3-21603				—	—	—	○	○
2	MARKING					—	—	—	○	○
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 A.				—	10	mΩ	○	—
	UNIT 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 ℃ ~ % 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 ~ ℃ cycles.				—	—	—	—	—
14	DURABILITY UNIT CONTACT	Must be less than the Std. value after 1000 times insertion and extraction at the condition described in above item No.4.			JISC 5037	—	15	mΩ	○	—
	CONTACT					—	—	mΩ	—	—
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 % salt water spray for 48 hours.			JISC 0023	—	—	—	○	—
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 min sec				—	—	—	—	—
18	CRIMPED TERMINATION CONDUCTOR TENSILE STRENGTH	THE ONLY CONDUCTOR PART OF SUITABLE CABLE BE CRIMPED WITH THE WIRE, AN EXTRACTION FORCE IS APPLIED WHICH IS MORE THAN THE STANDARD			AWG#30(φ0.1)	1	—	kgf	○	—
					AWG#28(φ0.12)	1.6				
					AWG#26(φ0.16)	2.4				
REMARKS		APPROVED	<i>M. Yoshida</i> 9.5.91		HRS HIROSE ELECTRIC CO., LTD.		ISSUED BY			
		REVIEWED	..							
		CHECKED	..							
		DESIGNED	Y. KONDOU	8.29.91			PART No.			
		DRAWN	Y. KONDOU	8.29.91	HR10-PC-112					
DRAWING No.		SLC4-21603 — SPECIFICATION SHEET			CODE No.		CL110-0513-0-			