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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

△ 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	-15 ℃ ~ +60 ℃	
SPECIALTY	—				

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ADC / DC 3— 21313		—	—	—	○	○
2	MARKING			—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC V.		—	—	MΩ	—	—
4	CONTACT RESISTANCE — CONTACT	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	VSWR	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 ~ ℃ 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	○	—
	— CONTACT			—	—	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 kgf/cm² hours.		—	—	—	—	—
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm² mmHg min sec		—	—	—	—	—
18	Crimped termination Conductor tensil 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/φ0.1)		1	—	kgf	○	—
		— AWG #28 (7/φ0.12)		1.6				
		— AWG #26 (7/φ0.16)		2.4				

REMARKS				ISSUED BY
	APPROVED	M. Ayashida	4-23-91	HIROSE ELECTRIC CO., LTD.
	REVIEWED		. .	
	CHECKED	M. Sato	4-23-91	
	DESIGNED	M. Onodera	4-16-91	PART No. HR12-SC-212
	DRAWN	E. Kawamura	4-12-91	

DRAWING No. SLC4— 21313 — | SPECIFICATION SHEET | CODE No. CL112 — 0408 —9—

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