

Oct.1.2018 Copyright 2018 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
 In case that the application demands a high level of reliability, such as automotive, please contact a company representative for further information.

COUNT		REVISIONS	BY	CHKD	DATE	COUNT		REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
RATING	VOLTAGE	CONTACT NO. — — —	AC — V	DC — V	APPLICABLE CABLES			AWG#22~*18(Insulation Dia.1.8MM)			
	CURRENT	CONTACT NO. — — —	3 A		IMPEDANCE FREQUENCY RANGE	— Ω (0 ~ — Hz)					
	POWER	— — —			OPERATING TEMPERATURE RANGE	-25 °C ~ +85 °C					
	SPECIALTY	— — —									
SPECIFICATIONS											
No.	ITEM	CONDITIONS				TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and DC 3-44389					—	—	—	○	○
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 1 A.					—	30	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.		gauge size #0.57-0.003			0.15	—	N	○	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.					—	—	—	—	—
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	—	60	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/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, an extraction force is applied which is more than the standard.				AWG#18	59	—	N	○	—
						AWG#20	59				
						AWG#22	53				
REMARKS		APPROVED	<i>Mr. Yoshida 1.18.92</i>			HIROSE ELECTRIC CO., LTD.			ISSUED BY		
		REVIEWED	.								
		CHECKED	.								
		DESIGNED	E. Kumii 1.16.92								
		DRAWN	E. Kumii 1.16.92								
DRAWING No.		SLC4-44389 - SPECIFICATION SHEET				PART No.			RP34-SC-212		
						CODE No.			CL113-5043-5-		