

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD	
RATING	VOLTAGE CONTACT NO. — — — AC — V DC — V
	CURRENT CONTACT NO. — — — 2 A
	POWER — — —
	SPECIALTY — — —
APPLICABLE CABLES AWG #30~#24 (Insulation Dia. 1.2 Max)	
IMPEDANCE FREQUENCY RANGE — Ω (0 ~ — Hz)	
OPERATING TEMPERATURE RANGE -25 °C ~ 85 °C	

SPECIFICATIONS										
NO.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT		
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and DC 3-10242		—	—	—	○	○		
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.		—	15	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 S W R	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 φ0.57-0.003		0.15	—	N	○	—		
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		—	—	N	—	—		
10	HUMIDITY	Insulation resistance must be over the Std. value at °C ~ X, 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, m/s ² at n for directions.		—	—	—	—	—		
12	SHOCK	Must have no damage, crack and looseness of parts m/s ² at times for directions.		—	—	—	—	—		
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for ~ °C, 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	—	20	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 kPa hours.		—	—	—	—	—		
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kPa min s		—	—	—	—	—		
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 (φ0.12) AWG #28 (φ0.12) AWG #26 (φ0.16) AWG #24 (φ0.16)	10 16 24 36	—	N	○	—		

REMARKS	APPROVED	REVIEWED	CHECKED	DESIGNED	DRAWN	PART NO.	CODE NO.
	M. Yoshida 4.13.93		M. Yoshida 4.13.93	J. Kaneko 4.13.93	J. Kaneko 4.12.93	RP17-SC-122	CL113-0506-4-

TO	R			

RELEASED	HIROSE ELECTRIC CO., LTD.

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