△ COUNT	REVISIONS	BY	CHKD	DATE	△ COUNT	REVISIONS	BY	CHKD	DATE
△				. .	△				. .
△				. .	△				. .

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	Applicable Std. and ADC/DC 3-21603		—	—	—	○	○
2	MARKING			—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC V.		—	—	MΩ	—	—
4	CONTACT RESISTANCE UNIT CONTACT	The voltage drop must be under the Std. value at DC 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 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 DC20mV less and mA.		—	—	mΩ	—	—
9	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge. gauge size		—	—	g f	—	—
	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.	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 0023	—	—	—	○	—
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 BE CRIMPED WITH THE WIRE, AN EXTRACTION FORCE IS APPLIED WHICH IS MORE THAN THE STANDARD. AWG #30 (7/φ0.1) AWG #28 (7/φ0.12) AWG #26 (7/φ0.16)		1 / 1.6 / 2.4	—.	kgf	○	—

REMARKS	APPROVED	M. Yoshida 9.5.91		ISSUED BY
	REVIEWED	. .	**HRS** HIROSE ELECTRIC CO., LTD.	
	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—

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