

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

APPLICABLE STANDARD													
RATING	VOLTAGE	CONTACT NO.	AC — V	DC — V	APPLICABLE CABLES								
	CURRENT	CONTACT NO.	2 A		IMPEDANCE FREQUENCY RANGE								
	POWER				OPERATING TEMPERATURE RANGE								
	SPECIALTY												

SPECIFICATIONS													
No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT					
1	DESIGN-MATERIAL-FINISH	ADC		—	—	—	○	○					
2	MARKING	Applicable Std. and DC 3-21313		—	—	—	○	○					
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.		—	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 $\phi 0.53 \pm 0.003$		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 $\tau \sim \%$ 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 ~ τ 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	—	15	mΩ	○	—					
			—	—	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 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 shall be crimped with the wire, on extraction force is applied which is more than the standard.	AWG #30 (7/40.1) AWG #28 (7/60.12) AWG #26 (7/60.16)	1 1.6 2.4	—	kgf	○	—					

REMARKS	APPROVED	M. Yoshida	4.23.91	ISSUED BY
	REVIEWED			
	CHECKED	M. Sato	4.23.91	
	DESIGNED	M. Onodera	4.16.91	
	DRAWN	E. Kawamura	4.12.91	

DRAWING No.		SPECIFICATION SHEET		PART NO.	
SLC4-21313				HR12-SC-212	
				CODE No.	
				CL112-0408-9-	

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