

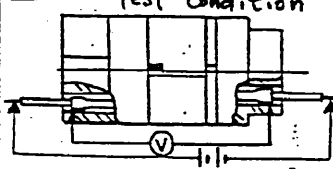
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Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
COUNT	REVISIONS	BY	CHKD	DATE	COUNT	REVISIONS	BY	CHKD	DATE	

APPLICABLE STANDARD		CONTACT No. AC — V DC — V		APPLICABLE CABLES	AWG # 28 — #24 (UL1007)
RATING	VOLTAGE	CONTACT No. 2 A (AWG #24)		IMPEDANCE FREQUENCY RANGE	Ω (0 ~ Hz)
	CURRENT			OPERATING TEMPERATURE RANGE	τ ~ τ
	POWER				
SPECIALTY					

### SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ADC DC 3-27839		1	—	—	0	0
2	MARKING			—	—	—	0	0
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.	①	—	30	mΩ	0	—
	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. gauge size value at applicable gauge.		—	—	gf	—	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		—	—	kgf	—	—
10	HUMIDITY	Insulation resistance must be over the Std. value at τ % 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 -55~+85℃ 5 cycles.	MIL-STD-202 -102A (D)	—	—	—	0	—
14	DURABILITY Unit CONTACT CONTACT	Must be less than the Std. value after 1000 times insertion and extraction at the condition described in above item No.4.	①	—	40	mΩ	0	—
				—	—	mΩ	—	—
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5% salt water spray for 48 hours.	MIL-STD-202 -101D (B)	—	—	—	0	—
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kgf/cm <sup>2</sup> hours.		—	—	—	—	—
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm <sup>2</sup> mmHg min sec		—	—	—	—	—
18	Tensile strength When tensile force are applied between the terminal, the retaining force between the terminal and crimped wire and crimped wire core shall be more than the standard.		AWG #28 AWG #26 AWG #24	—	1.6 2.4 3.6	kgf	0	—

REMARKS ① Contact resistance test condition 	APPROVED	A. Nakazawa	15.3.91	HIROSE ELECTRIC CO., LTD. PART No. QR/P8-PC-221 CODE No. CL 221-0176-4-	ISSUED BY
	REVIEWED				
	CHECKED	H. Miwa	14.3.91		
	DESIGNED	T. Watanabe	14.3.91		
	DRAWN	T. Watanabe	14.3.91		
DRAWING No. SLC4-27839 -		SPECIFICATION SHEET			