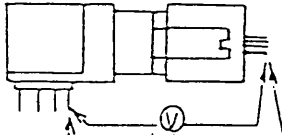


COUNT		REVISIONS		BY	CHKD	DATE	COUNT		REVISIONS		BY	CHKD	DATE
△							△						
△							△						

APPLICABLE STANDARD			
RATING	VOLTAGE	CONTACT NO. / ~ 20	AC 250 V DC V
	CURRENT	CONTACT NO. / ~ 20	0.5 A
	POWER		
	SPECIALTY		
APPLICABLE CABLES UL2789 AWG No.28			
IMPEDANCE FREQUENCY RANGE 2 (0 ~ Hz)			
OPERATING TEMPERATURE RANGE -55℃ ~ 85℃			

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC		—	—	—	○	○
2	MARKING	Applicable Std. and DC ³ -42472		—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500 V.	MIL-STD-202 -302 A	500	—	MΩ	○	○
4	CONTACT RESISTANCE <u>Unit</u> CONTACT	The voltage drop must be under the Std. value at DC 0.1 A.		—	35	mΩ	○	○
	CONTACT	The voltage drop must be under the Std. value at DC A.		—	—	mΩ	—	—
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC 500 V for one minute.	MIL-STD-202 -301	—	—	—	○	○
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		—	—	gf	—	—
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		0.8	3.0	kgf	○	—
10	HUMIDITY	Insulation resistance must be over the Std. value at 40℃ 90 ~ 95% 96 hours.	MIL-STD-202 -103 (B)	1	—	MΩ	○	—
		at high humidity after high humidity		100	—	MΩ	○	—
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10 ~ 55 Hz, Total amplitude 1.52mm, —G at 2 hours for 3 directions.	MIL-STD-202 -201 A	—	—	—	○	—
12	SHOCK	Must have no damage, crack and looseness of parts 50 G at 3 times for 3 directions.	MIL-STD-202 -213 B (A)	—	—	—	○	—
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ 85℃ 5 cycles.	MIL-STD-202 -102 A (D)	—	—	—	○	—
14	DURABILITY <u>Unit</u> CONTACT	Must be less than the Std. value after 1,000 times insertion and extraction at the condition described in above item No.4.		—	35	mΩ	○	—
			—	—	mΩ	—	—	
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5% salt water spray for 48 hours.	MIL-STD-202 -101 D (B)	—	—	—	○	—
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		—	—	—	—	—

REMARKS ① Contact resistance test condition 	APPROVED	A. Nakamura	10.4.90	HR5 HIROSE ELECTRIC CO., LTD. PART No. DX30AM-20P	ISSUED BY
	REVIEWED	S. Kikuta	10.4.90		
	CHECKED	M. Nakamura	10.4.90		
	DESIGNED	N. NISIMATU	10.4.90		
	DRAWN				

DRAWING No.	SPECIFICATION SHEET	CODE No.
SLC4-42472-		CL230-5025-7-

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