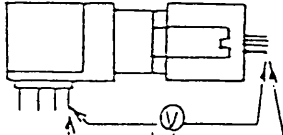


COUNT		REVISIONS		BY	CHKD	DATE	COUNT		REVISIONS		BY	CHKD	DATE
△							△						
△							△						

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	The voltage drop must be under the Std. value at DC 0.1 A.		—	35	mΩ	○	○
	Unit 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	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	○	—
	Unit CONTACT			—	—	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	HRS HIROSE ELECTRIC CO., LTD.	ISSUED BY
	REVIEWED	S. Kikuta	10.4.90		
	CHECKED	M. Nakamura	10.4.90		
	DESIGNED	N. NISIMATU	10.4.90		
	DRAWN				
	PART No.				
DX 30 AM - 20P					
DRAWING No.		SPECIFICATION SHEET		CODE No.	
SLC4 - 42472 -				CL230 - 5025 - 7 -	

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