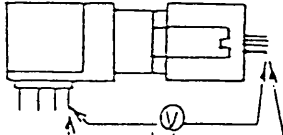


COUNT		REVISIONS		BY	CHKD	DATE	COUNT		REVISIONS		BY	CHKD	DATE
△							△						
△							△						

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

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 Unit 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 Unit CONTACT 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		APPROVED	10.4.90	HIROSE ELECTRIC CO., LTD.	ISSUED BY	
	① Contact resistance test condition (10)	A. Nakamura	10.4.90			
		REVIEWED	S. Kikuta			10.4.90
		CHECKED	M. Nakamura			10.4.90
		DESIGNED	N. NISIMATU			10.4.90
		DRAWN				
DRAWING No. SLC4-42472-				PART No. DX30AM-20P		
SPECIFICATION SHEET				CODE No. CL230-5025-7-		

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