

COUNT		REVISIONS		BY	CHKD	DATE	COUNT		REVISIONS		BY	CHKD	DATE
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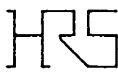
APPLICABLE STANDARD									
RATING	VOLTAGE	CONTACT No. ~	AC DC	V V		APPLICABLE CABLES	MAX $\phi$ 6.7		
	CURRENT	CONTACT No. ~		A		IMPEDANCE FREQUENCY RANGE	Ω (0 ~ Hz)		
	POWER					OPERATING TEMPERATURE RANGE	-55 °C ~ 85 °C		
	SPECIALTY								

## SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and DC		—	—	—	○	○
2	MARKING	3-42480		—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC V.		—	—	MΩ	—	—
4	CONTACT RESISTANCE CONTACT	The voltage drop must be under the Std. value at DC A.		—	—	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 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 °C ~ % hours.	at high humidity	—	—	MΩ	—	—
			after high humidity	—	—	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-202-201A	—	—	—	○	—
12	SHOCK	Must have no damage, crack and looseness of parts 50 G at 3 times for 3 directions.	MIL-STD-202-213B (A)	—	—	—	○	—
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~85°C, 5 cycles.	MIL-STD-202-102A (D)	—	—	—	○	—
14	DURABILITY	Must be less than the Std. value after times insertion and extraction at the condition described in above item No.4.		—	—	mΩ	—	—
	CONTACT			—	—	mΩ	—	—
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 % salt water spray for 48 hours.	MIL-STD-202-101D (B)	—	—	—	○	—
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		—	—	—	—	—

REMARKS	APPROVED	A. Nakagawa	10.4.90	 HIROSE ELECTRIC CO., LTD. PART No. DX30M-20-CV	ISSUED BY
	REVIEWED	S. Kikuta	10.4.90		
	CHECKED	M. Nakamura	10.4.90		
	DESIGNED	N. NISIMATU	10.4.90		
	DRAWN				

DRAWING No.	SLC4-42480-	SPECIFICATION SHEET	CODE No.	CL 230-5052-0-
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NOTE QT:Qualification Test AT:Assurance Test O:Applicable item FORM No.