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

APPLICABLE STANDARD

RATING						
	VOLTAGE	CONTACT No. ~	AC V / DC V		APPLICABLE CABLES	MAX φ6.7
	CURRENT	CONTACT No. ~	A		IMPEDANCE FREQUENCY RANGE	Ω (O~ Hz)
	POWER				OPERATING TEMPERATURE RANGE	-55 ℃~ 85 ℃
	SPECIALTY					

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ADC / DC 3 – 42480		—	—	—	O	O
2	MARKING			—	—	—	O	O
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	VSWR	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.		—	—	kgf	—	—
10	HUMIDITY	Insulation resistance must be over the Std. value at ℃ ~ %, 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 1.52 mm, —G at 2 hours for 3 directions.	MIL STD 202 -201A	—	—	—	O	—
12	SHOCK	Must have no damage, crack and looseness of parts 50 G at 3 times for 3 directions.	MIL-STD-202 -213B (A)	—	—	—	O	—
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~ 85℃ 5 cycles.	MIL-STD-202 -102A (D)	—	—	—	O	—
14	DURABILITY CONTACT	Must be less than the Std. value after times insertion and extraction at the condition		—	—	mΩ	—	—
	CONTACT	described in above item No. 4.		—	—	mΩ	—	—
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 % salt water spray for 48 hours.	MIL-STD-202 -101D (B)	—	—	—	O	—
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kgf/cm² hours.		—	—	—	O	—
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm² mmHg min sec		—	—	—	—	—

REMARKS			
	APPROVED	A. Nakagawa	10.9.90
	REVIEWED	S. Kikuta	10.4.90
	CHECKED	M. Nakamura	10.4.90
	DESIGNED	N. NISIMATU	10.4.90
	DRAWN		. .

HIROSE ELECTRIC CO., LTD.

ISSUED BY

PART No. DX30M-20-CV

DRAWING No. SLC4-42480-

SPECIFICATION SHEET

CODE No. CL230-5052-0-

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