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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 65 °C	STORAGE TEMPERATURE RANGE	-55 °C TO 60 °C	
	VOLTAGE	—	OPERATING HUMIDITY RANGE	95 % MAX	
	CURRENT	—	APPLICABLE CABLE	—	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING		CONFIRMED VISUALLY.		X	X
MECHANICAL CHARACTERISTICS					
VIBRATION		FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
SHOCK		490 m/s ² DIRECTION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		X	—
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5~35 → 65 → 5~35 °C. TIME 30 → 2~ 3 → 30 → 2~ 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	YH. ENAMI	08. 11. 29
			CHECKED	HO. MIWA	08. 11. 29
			DESIGNED	HN. ANDO	08. 11. 29
			DRAWN	HN. ANDO	08. 11. 29
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-008602-01
HRS	SPECIFICATION SHEET		PART NO.	HDB-CTF (50)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL211-0139-0-50	△ 1/1