

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

TO
Q1

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE

**SPECIFICATIONS**

APPLICABLE STANDARD	OPERATING TEMPERATURE RANGE	STORAGE TEMPERATURE RANGE	OPERATING HUMIDITY RANGE
	-55 °C TO 85 °C	- °C TO - °C	- % TO - %
RATING	VOLTAGE	CURRENT	APPLICABLE CABLE
	AC 250 V	0.5 A	UL20276 AWG NO.28 (φ 0.58)

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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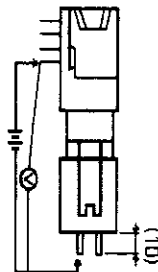
CONSTRUCTION	GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.		
MARKING	CONFIRMED VISUALLY.				

ELECTRIC CHARACTERISTICS	CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	35 mΩ MAX. <input checked="" type="checkbox"/>		
INSULATION RESISTANCE	500V DC.		500 MΩ MIN.		
VOLTAGE PROOF	500 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		

MECHANICAL CHARACTERISTICS	INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE	38.2 N MAX.		
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.	EXTRACTION FORCE	10.2 N MIN.			
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.					
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 6 DIRECTION.					

ENVIRONMENTAL CHARACTERISTICS	RAPID CHANGE OF TEMPERATURE	TEMPERATURE -65 → 5~35 → 85 → 5~35 °C TIME 30 → 2~ 3 → 30 → 2~3 min UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90~95 %RH, 96 h.		① INSULATION RESISTANCE AT HIGH HUMIDITY 1 MΩ MIN. AT DRY 100 MΩ MIN.		
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		

NOTE  CONTACT RESISTANCE TEST POSITION.



REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	<i>020405</i>	<i>020000</i>	<i>02.4.5</i>	<i>02.04.09</i>	

Note  Qualification Test  AT Assurance Test  Applicable Test

<b>HRS</b> HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO.	DX40M-26P
CODE NO.(OLD)	DRAWING NO.	ELC4-045315	CL230-5034-8
CL			