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

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

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO 70 °C	STORAGE TEMPERATURE RANGE	- °C TO - °C
	VOLTAGE	AC 125 V	OPERATING HUMIDITY RANGE	- % TO - %
	CURRENT	0.5 A	APPLICABLE CABLE	φ 4.8±0.2

SPECIFICATIONS

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	1 mA (DC OR 1000 Hz). 1	40 mΩ MAX.	×	-
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.	×	-
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	×

MECHANICAL CHARACTERISTICS				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 40 N MAX. EXTRACTION FORCE 4 N MIN.	×	-
MECHANICAL OPERATION	3000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		×	-
LOCK STRENGTH	TO LOCK AXIALLY.	APPLYING PULL FORCE, 40 N MIN.	×	-

ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 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 60 °C, 90~95 %, 96 h.	① INSULATION RESISTANCE : 1 MΩ MIN. (AT HIGH HUMIDITY) : 100 MΩ MIN. (AT DRY) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	×	-

REMARKS 1 WITHOUT BULK RESISTANCE.	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	<i>H. Kubota</i> 06.05.22	<i>H. Kubota</i> 06.05.22	<i>N. Miyazaki</i> 06.05.22	<i>[Signature]</i> 06.05.22	
Unless otherwise specified, refer to JIS C 5402.					

Note QT:Qualification Test AT:Assurance Test ×:Applicable Test					
HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. 3 2 4 0 - 8 P - C (5 0)	
CODE NO.(OLD) CL	DRAWING NO. E L C 4 - 0 4 5 9 3 1 - 0 3	CODE NO. C L 2 3 2 - 0 0 0 1 - 4 - 5 0	1 / 1		