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

TO

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	AC125V	OPERATING HUMIDITY RANGE	- % TO - %
	CURRENT	0.5A	APPLICABLE CABLE	φ 5.0±0.2

**SPECIFICATIONS**

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

<b>ELECTRICAL CHARACTERISTICS</b>				
CONTACT RESISTANCE	1 mA (DC OR 1000 Hz). <span style="border: 1px solid black; padding: 0 2px;">1</span>	40 mΩ MAX.	×	-
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.	×	-
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	-

<b>MECHANICAL CHARACTERISTICS</b>				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 20 N MAX. WITHDRAWAL FORCE 2 N MIN.	×	-
MECHANICAL OPERATION	3000 TIMES INSERTIONS AND EXTRACTIONS. <span style="border: 1px solid black; padding: 0 2px;">1</span>	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 <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.			
LOCKING FORCE	WITH LOCK	40 N MIN.	×	-

<b>ENVIRONMENTAL CHARACTERISTICS</b>				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5TO35 → 85 → 5TO35 °C TIME 30 → 2TO3 → 30 → 10TO15 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 : AT HIGH HUMIDITY 1 MΩMIN. : AT DRY 100 MΩMIN. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-

1 WITHOUT BULK RESISTANCE.

REMARKS	DROWN	DESIGNED	CHECKED	APPROVED	RELEASED
	<i>H. Kikuchi</i> '06.09.08	<i>H. Kikuchi</i> '06.09.08	<i>N. Miyajima</i> '06.09.08	<i>[Signature]</i> '06.09.08	

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test ○:Applicable Test

<b>HS</b> HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO.
		3 2 4 0 - 1 0 P - C ( 5 0 )

CODE NO.(OLD)	DRAWING NO.	CODE NO.	1
CL	E L C 4 - 0 4 7 9 6 8 - 0 2	C L 2 3 2 - 0 0 4 8 - 8 - 5 0	1