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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
①	10	RE-6-2403	LCE	JHW	21.09.13					
②	2	RE-6-2541	LCE	JHW	21.12.27					

**APPLICABLE STANDARD**

RATING	OPERATING TEMPERATURE RANGE	-55℃ TO +85℃(note1)	STORAGE TEMPERATURE RANGE	-10℃ TO +60℃
	VOLTAGE	△ 60 V AC/DC	APPLICABLE CONNECTOR	BK22C07-4DS/2-0.4V(***)
	CURRENT	SIGNAL CONTACT 0.3A POWER CONTACT 15.0A		

**SPECIFICATIONS**

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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**CONSTRUCTION**

GENERAL EXAMINATION	CONFIRMED VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X

**ELECTRICAL CHARACTERISTICS**

CONTACT RESISTANCE	20mV AC OR LESS 1kHz, 1mA	SIGNAL CONTACT : 30mΩ MAX △ <sub>1</sub> POWER CONTACT : 5mΩ MAX △ <sub>1</sub>	X	-
INSULATION RESISTANCE	100V DC	50MΩ MIN	X	-
VOLTAGE PROOF	150V AC FOR 1min. △	NO FLASHOVER OR BREAKDOWN	X	-

**MECHANICAL CHARACTERISTICS**

MECHANICAL OPERATION	10 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: SIGNAL CONTACT : 30mΩ MAX △ <sub>1</sub> POWER CONTACT : 5mΩ MAX △ <sub>1</sub> ② NO DAMAGE, CRACK OR LOOSENESS OF PATRS.	X	-
VIBRATION	FREQUENCY 10 TO 55 TO 10 Hz, APPROX 5min SINGLE AMPLITUDE 0.75mm, 10CYCLES, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s² DURATION OF PULSE 11ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

**ENVIRONMENTAL CHARACTERISTICS**

RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → +85℃ TIME 30 → 30 min UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER: WITHIN2~3 MIN)	① CONTACT RESISTANCE: SIGNAL CONTACT : 30mΩ MAX △ <sub>1</sub> POWER CONTACT : 5mΩ MAX △ <sub>1</sub> ② INSULATION RESISTANCE: 50MΩ MIN ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2℃, 90 TO 95%, 96h.	① CONTACT RESISTANCE: SIGNAL CONTACT : 30mΩ MAX △ <sub>1</sub> POWER CONTACT : 5mΩ MAX △ <sub>1</sub> ② INSULATION RESISTANCE: 25MΩ MIN ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SULPHUR DIOXIDE	EXPOSED IN 25 PPM FOR 96h, 25℃, 75±5%RH. (Test standard : JIS C 60068)	① CONTACT RESISTANCE: SIGNAL CONTACT : 30mΩ MAX △ <sub>1</sub> POWER CONTACT : 5mΩ MAX △ <sub>1</sub> ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Note 1 : INCLUDE THE TEMPERATURE RISING BY CURRENT.	D.K.YUN	D.K.YUN	S.Sunaga	H.W.JO	
Unless otherwise specified, refer to JIS C 5402 and IEC 60512	20.12.29	20.12.29	20.12.29	20.12.29	

Note QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST

HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	PART NO. BK22C07-4DP/2-0.4V(800)
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CODE NO.(OLD)	DRAWING NO. ELC3-633241-08	CODE NO. CL 6677-0001-8-800	1/1
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