

Feb. 1. 2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
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	RE-6-3467	LGO	JHW	24.02.22					

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-55℃ TO +85℃(note1)	STORAGE TEMPERATURE RANGE	-10℃ TO +60℃
	VOLTAGE	△ 50 V AC/DC	APPLICABLE CONNECTOR	BK13C06-12DP/2-0.35V(**)
	CURRENT	SIGNAL CONTACT 0.3A POWER CONTACT 5.0A		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
------	-------------	--------------	----	----

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	△ ₁ SIGNAL CONTACT : 50mΩ MAX △ ₁ POWER CONTACT : 15mΩ MAX	X	-
INSULATION RESISTANCE	100V DC	50MΩ MIN	X	-
VOLTAGE PROOF	△ ₁ 150V AC FOR 1min.	NO FLASHOVER OR BREAKDOWN	X	-

MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	△ ₁ 30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: △ ₁ SIGNAL CONTACT : 50mΩ MAX △ ₁ POWER CONTACT : 15mΩ MAX 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/s ² 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: △ ₁ SIGNAL CONTACT : 50mΩ MAX △ ₁ POWER CONTACT : 15mΩ MAX 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: △ ₁ SIGNAL CONTACT : 50mΩ MAX △ ₁ POWER CONTACT : 15mΩ MAX 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: △ ₁ SIGNAL CONTACT : 50mΩ MAX △ ₁ POWER CONTACT : 15mΩ MAX ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

REMARKS Note 1 : INCLUDE THE TEMPERATURE RISING BY CURRENT.	DRAWN G.H.LEE	DESIGNED G.H.LEE	CHECKED H.W.JO	APPROVED H.W.JO	RELEASED ENG 22.10.06 DEPT
Unless otherwise specified, refer to JIS C 5402 and IEC 60512	22.10.06	22.10.06	22.10.06	22.10.06	

Note QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST				
HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	PART NO. BK13C06-12DS/2-0.35V(895)		
CODE NO.(OLD)	DRAWING NO. ELC4-633577-95	CODE NO. CL 6665-0061-0-895	1	1