	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△1	1	RE-6-0909	LYJ	JHW	17.06.15					

APPLICABLE STANDARD

RATING	OPERATING TEMPERATURE RANGE	-55℃ TO +85℃(note1)	STORAGE TEMPERATURE RANGE	-10℃ TO +60℃
	VOLTAGE	30 V AC/DC	APPLICABLE CONNECTOR	BM23PF0.8-24DP-0.35V(**)
	CURRENT	SIGNAL CONTACT 0.3A △1 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	SIGNAL CONTACT : 90mΩ MAX POWER CONTACT : 30mΩ MAX	X	–
INSULATION RESISTANCE	100V DC	50MΩ MIN	X	–
VOLTAGE PROOF	100V AC FOR 1min.	NO FLASHOVER OR BREAKDOWN	X	–
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	10 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: SIGNAL CONTACT : 90mΩ MAX POWER CONTACT : 30mΩ 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/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 : 90mΩ MAX POWER CONTACT : 30mΩ 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: SIGNAL CONTACT : 90mΩ MAX POWER CONTACT : 30mΩ 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: SIGNAL CONTACT : 90mΩ MAX POWER CONTACT : 30mΩ MAX ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–

REFERENCE DRAWING

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Note 1 : INCLUDE THE TEMPERATURE RISING BY CURRENT.	S.H.JUNG	S.H.JUNG	H.W.JO	T.S.KANG	ENG 17.06.23 DEPT
Unless otherwise specified, refer to JIS C 5402 and IEC 60512	16.01.06	16.01.06	16.01.06	16.01.06	

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

HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	PART NO. BM23PF0.8-20DS-0.35V(51)

CODE NO.(OLD)	DRAWING NO.	CODE NO.	
CL	ELC4-632053-51	CL 6644-0061-9-051	1/1