

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△	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		BM23PF0.8-40DS-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			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 Note 1 : INCLUDE THE TEMPERATURE RISING BY CURRENT.					DRAWN Y.J.LEE 16.01.12	DESIGNED Y.J.LEE 16.01.12	CHECKED H.W.JO 16.01.12	APPROVED T.S.KANG 16.01.12	RELEASED ENG 17.06.15 DEPT	
Unless otherwise specified, refer to JIS C 5402 and IEC 60512										
Note QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST										
HIROSE KOREA CO.,LTD.			SPECIFICATION SHEET			PART NO. BM23PF0.8-40DP-0.35V(51)				
CODE NO.(OLD) CL			DRAWING NO. SLC4-*****			CODE NO. CL 66**-***--051			1/1	