

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE							
APPLICABLE STANDARD																		
RATING	OPERATING TEMPERATURE RANGE		-55°C TO +85°C(note1)			STORAGE TEMPERATURE RANGE		-10°C TO +60°C										
	VOLTAGE		30 V AC/DC			APPLICABLE CONNECTOR		BM23PF0.8-46DP-0.35V(**)										
	CURRENT		SIGNAL CONTACT 0.3A(note2) 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 PARTS.			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°C 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°C, 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°C, 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	-								
REMARKS																		
Note 1 : INCLUDE THE TEMPERATURE RISING BY CURRENT. Note 2 : MAX 12A AT TOTAL PIN CONTACTS.						DRAWN S.H.JUNG	DESIGNED S.H.JUNG	CHECKED H.W.JO	APPROVED T.S.KANG	RELEASED ENG 17.05.10	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. BM23PF0.8-46DS-0.35V(895)											
CODE NO.(OLD) CL			DRAWING NO. SLC4-632258			CODE NO.	CL 6644-0089-8-895											