

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE				
△	1	RE-6-0909	LYJ	JHW	17.16.15	△	1	RE-6-1554	PSG	JHW	19.10.07				
<b>APPLICABLE STANDARD</b>															
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 △		BM23PF0.8-20DP-0.35V(**)							
	CURRENT		△	SIGNAL CONTACT 0.3A POWER CONTACT 5.0A											
<b>SPECIFICATIONS</b>															
ITEM		TEST METHOD				REQUIREMENTS				QT	AT				
<b>CONSTRUCTION</b>															
GENERAL EXAMINATION		CONFIRMED VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X	X				
MARKING		CONFIRMED VISUALLY.								X	X				
<b>ELECTRICAL CHARACTERISTICS</b>															
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	-				
<b>MECHANICAL CHARACTERISTICS</b>															
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	-				
<b>ENVIRONMENTAL CHARACTERISTICS</b>															
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	-				
<b>REFERENCE DRAWING</b>															
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 17.10.07					
Unless otherwise specified, refer to JIS C 5402 and IEC 60512				16.01.06		16.01.06		16.01.06	16.01.06	DEPT					
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.			1						
CL			ELC4-632053-51			CL 6644-0061-9-051			1						