

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		BM23FR0.8-18DS-0.35V(**)								
	CURRENT	0.3A												
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			100mΩ 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: 100mΩ 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: 100mΩ 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: 100mΩ 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: 100mΩ MAX			X	-						
REMARKS														
Note 1 ; INCLUDE THE TEMPERATURE RISING BY CURRENT.				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED						
				S.H.JUNG	S.H.JUNG	H.W.JO	T.S.KANG	ENG 16.09.09						
Unless otherwise specified, refer to JIS C 5402 and IEC 60512				16.09.09	16.09.09	16.09.09	16.09.09	DEPT						
Note QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST														
HIROSE KOREA CO.,LTD.		SPECIFICATION SHEET			PART NO. BM23FR0.8-18DP-0.35V(51)									
CODE NO.(OLD)	DRAWING NO.			CODE NO.										
CL	SLC4-632354			CL	6644-0090-7-051									