

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE		-55℃ TO +85℃(note1)				STORAGE TEMPERATURE RANGE		-10℃ TO +60℃		
	VOLTAGE		30 V AC/DC				APPLICABLE CONNECTOR		BM23FR0.6-***DS-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 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: 100mΩ 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: 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℃, 75±5%RH. (Test standard : JIS C 60068)				① CONTACT RESISTANCE: 100mΩ MAX			X	-
DRAWING FOR REFERENCE This is subject to change without notice											
REMARKS Note 1 ; INCLUDE THE TEMPERATURE RISING BY CURRENT.						DRAWN S.H.JUNG 16.01.12	DESIGNED S.H.JUNG 16.01.12	CHECKED H.W.JO 16.01.12	APPROVED T.S.KANG 16.01.12	RELEASED ENG 16.01.12 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. BM23FR0.6-***DP-0.35V(51)			
CODE NO.(OLD) CL			DRAWING NO. SLC4-*****			CODE NO. CL 66**-*****-**-051					1 1