


Aug.1.2018 Copyright 2018 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

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	BM23FR0.6-8DS-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									
OPERATION		10 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 100mΩ MAX ② NO DAMAGE, CRACK OR LOOSENESS OF PATRS.			X	-
OPERATION		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/s ² 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 (READY 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	-
REMARKS									
Note 1 ; INCLUDE THE TEMPERATURE RISING BY CURRENT.				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				J.S.PARK	J.S.PARK	H.W.JO	T.S.KANG		
Unless otherwise specified, refer to JIS C 5402 and IEC 60512				17.08.09	17.08.09	17.08.09	17.08.09		
Note QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST									
HIROSE KOREA CO.,LTD.			SPECIFICATION SHEET			PART NO.			
						BM23FR0.6-8DP-0.35V(895)			
CODE NO.(OLD)		DRAWING NO.			CODE NO.			1	
CL		SLC4-632160			CL 6644-0074-0-895			1	

In case that the application demands high level of reliability, such as automotive, please contact the company representative for further information.