

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
1	RE-6-0900	LYJ	JHW	17.06.08					

**APPLICABLE STANDARD**

RATING	OPERATING TEMPERATURE RANGE	-55℃ TO +85℃(note1)	STORAGE TEMPERATURE RANGE	-10℃ TO +60℃
	VOLTAGE	30 V AC/DC	APPLICABLE CONNECTOR	BM23PF0.8-24DP-0.35V(**)
	CURRENT	△ SIGNAL CONTACT 0.3A 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 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/s <sup>2</sup> 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: SIGNAL CONTACT : 90mΩ MAX POWER CONTACT : 30mΩ MAX ② INSULATION RESISTANCE: 50MΩ MIN ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
High Temperature (Steady State)	EXPOSED AT 40±2℃, 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℃, 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	-

REFERENCE DRAWING

REMARKS Note 1 : INCLUDE THE TEMPERATURE RISING BY CURRENT.  Unless otherwise specified, refer to JIS C 5402 and IEC 60512	DRAWN Y.J.LEE 15.12.01	DESIGNED Y.J.LEE 15.12.01	CHECKED H.W.JO 15.12.01	APPROVED T.S.KANG 15.12.01	RELEASED 
-------------------------------------------------------------------------------------------------------------------------------------	------------------------------	---------------------------------	-------------------------------	----------------------------------	---------------------------------------------------------------------------------------------------

Note QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST

HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	PART NO. BM23PF0.8-24DS-0.35V(51)
-----------------------	---------------------	--------------------------------------

CODE NO.(OLD) CL	DRAWING NO. SLC4-631961	CODE NO. CL 6644-0045-2-051	1/1
---------------------	----------------------------	--------------------------------	-----