

APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-35°C TO 85°C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60°C			
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	BM14B (0. 8) -60DS-0. 4V (**)			
	CURRENT	0. 3A					
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
CONSTRUCTION							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X	X
MARKING		CONFIRMED VISUALLY.				X	X
ELECTRIC CHARACTERISTICS							
CONTACT RESISTANCE		20mV AC OR LESS 1kHz,1mA .		100mΩ MAX.		X	—
INSULATION RESISTANCE		100V DC.		50MΩ MIN.		X	—
VOLTAGE PROOF		100V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X	—
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION		10TIMES 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 0.75 mm,10CYCLES, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. 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 CHANBER : WITHIN 2-3 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 %, 96 h.		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%. (REFER TO JIS C 60068)		① CONTACT RESISTANCE: 100mΩ MAX. ② NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR.		X	—
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE
REMARKS	NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT Unless otherwise specified, refer to JIS C 5402 and IEC 60512.			APPROVED		MO. ISHIDA	16. 10. 20
CHECKED				TS. MIYAZAKI	16. 10. 20		
DESIGNED				NY. YAMASHIRO	16. 10. 20		
DRAWN				SN. NUMAZAKI	16. 10. 20		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC-318866-53-00	
HRS	SPECIFICATION SHEET			PART NO.		BM14B (0. 8) -60DP-0. 4V (53)	
	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL684-8002-2-53	△ 1/1