

APPLICABLE STANDARD		SPECIFICATIONS					
RATING	OPERATING TEMPERATURE RANGE	-35°C TO 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60°C			
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	BM14C (0.8)-14DS-0.4V (**)			
	CURRENT	0.3A					
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 16.04.26		
				CHECKED	TS. MIYAZAKI 16.04.26		
				DESIGNED	NY. YAMASHIRO 16.04.25		
				DRAWN	SN. NUMAZAKI 16.04.25		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.	ELC-324415-51-00		
	SPECIFICATION SHEET		PART NO.	BM14C (0.8)-14DP-0.4V (51)			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL684-8025-8-51	 1/1		