

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE		-35°C TO 85°C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60°C
	VOLTAGE		30V AC/DC	APPLICABLE CONNECTOR	BM20*(0.6)-10DP-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		10 TIMES 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				APPROVED	MO. ISHIDA 16.02.22
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT				CHECKED	TS. MIYAZAKI 16.02.22
				DESIGNED	NY. YAMASHIRO 16.02.22
Unless otherwise specified, refer to JIS C 5402 and IEC 60512.				DRAWN	KR. AJITO 16.02.22
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-347095-53-01
	SPECIFICATION SHEET		PART NO.	BM20B(0.6)-10DS-0.4V(53)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL684-9308-8-53 △ 1/1	