APPLICA	BLE STAN	DARD									
OPERATING TEMPERATURE		E RANGE	ANGE -35°C TO 85°C(NOTE 1)		STORAGE TEMPERATURE RAN		GE	-10°C TO 60°C			
RATING	VOLTAGE		30V AC		APPLICABLE CONNECTOR				BM14C(0.8)-64DP-0.4V(*		
CURRENT		0. 3A					_			_	_
			SPECI	IFICA		٧S					
ITEM			TEST METHOD					REQU	IREMENTS	QT	AT
	UCTION										
	GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				RDING '	to df	RAWING.	Х	Х
MARKING	MARKING		CONFIRMED VISUALLY.							Х	Х
		CTERISTICS									
CONTACT RESISTANCE		20mV AC OR LESS 1kHz,1mA .				100mΩ MAX.				Х	_
INSULATION RESISTANCE		100V DC.				50MΩ MIN.				Х	_
VOLTAGE PROOF		100V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				Х	_
MECHAN		RACTERISTICS								~	
MECHANIC		10TIMES INSERTIONS AND EXTRACTIONS.				① CO	NTACT	RESI	STANCE: 100mΩ MAX.		
OPERATION						② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				Х	_
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz,APPROX 5min, SINGLE AMPLITUDE 0.75 mm,10CYCLES, FOR 3 DIRECTIONS.				<ol> <li>NO ELECTRICAL DISCONTINUITY OF 1 µs.</li> <li>NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ol>				х	_
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				<ol> <li>NO ELECTRICAL DISCONTINUITY OF 1 μs.</li> <li>NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ol>				x	_
		СНАР	ACTERISTICS			PAF	rs.				
RAPID CHA			ATURE $-55 \rightarrow +85^{\circ}C$			① CO	NTACT	RESI	STANCE: 100mΩ MAX.		
TEMPERATURE		TIME $30 \rightarrow 30$ min UNDER 5 CYCLES. (RELOCATION TIME TO CHANBER : WITHIN 2-3 min)				<ul> <li>② INSULATION RESISTANCE: 50MΩ MIN.</li> <li>③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ul>				X	_
DAMP HEAT		EXPOSED AT 40 $\pm$ 2 °C, 90 TO 95 %, 96 h.							STANCE: 100mΩ MAX.		
(STEADY STATE)						<ul> <li>2 INSULATION RESISTANCE: 25MΩ MIN.</li> <li>3 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ul>				X	_
SULPHUR DIIOXIDE		EXPOSED IN 25 PPM FOR 96h,25°C,75%. (REFER TO JIS C 60068)				<ol> <li>CONTACT RESISTANCE: 100mΩ MAX.</li> <li>NO EVIDENCE OF CORROSION WHICH</li> </ol>				x	_
					AFFECTS TO OPERATION OF CONNECTOR.						
	T DE	SCRIPTI	CRIPTION OF REVISIONS DESI		DESIG	GNED			CHECKED	DATE	
REMARKS						APPROVED		)VFD	MO.ISHIDA	16.04.27	
NOTE1: INCL	JDE THE TEMPE	RATURE RISING BY CURRENT			CHECKED			TS. MIYAZAKI	16. 04. 27		
						DESIGNED			NY. YAMASHIRO	16.04	
Unless otherwise specified, refer			efer to JIS C 5402 and IEC 60512.			DRAWN			SN. NUMAZAKI	16.04.27	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DRAWING NO.				ELC-324414-51-00		
HRS	SF	SPECIFICATION SHEET			PART NO.			BM14C (0. 8) -64DS-0. 4V (51)			
	HIR	HIROSE ELECTRIC CO., LTD.				CODE NO.		CL684-8024-5-51			1/1

FORM HD0011-2-1