APPLICAE	BLE STANDAI	RD										
OPERATING TEMPERATURE RA		NGE -40 °C TO +105 °	C (NOTE1)	STO! TEM!	RAGE PERATU	RE RANGE	1.	-10 °C	го -	+60 °C	(NOTE	 (2)
RATING	CURRENT	3 A	3 A		RAGE Z			RELATIVE HUMIDITY		OITY 8	85% MAX	
	VOLTAGE	250V AC			MIDITY RANGE			(NOT DEWED)				
SPECIFICATIONS												
	TEM	TEST METHOD)			REC	UIRE	MENTS	;		QT	AT
CONSTRUCTION						L. 0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0						
GENERAL EXAMINATION MARKING		VISUALLY AND BY MEASURING INSTRUMENT. CONFIRMED VISUALLY.				ACCORDING TO DRAWING.						×
ELECTRIC CHARACTER												^
CONTACT RESISTANCE		1A DC.			30 mΩ MAX .						×	_
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV AC MAX, 0.1 mA(DC OR 1000Hz)			30 mΩ MAX .						×	_
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.						×	_
VOLTACE PROOF												
VOLTAGE PROOF MECHANICAL CHARACT		1000 V AC FOR 1 min. NO FLASHOVER OR BREAKDOWN.								×	_	
	NSERTION AND	MEASURING AT 100mm/min.					4.9N N	ΔX			×	l –
EXTRACTION FORCE		INLASONING AT TOUTHHAITH.					T.JIN IV	VX.				
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			_	NTACT RES					×	_
					② NO I	DAMAGE, (CRACK	AND LOO	SENE	SS OF	×	-
VIBRATION		FREQUENCY 20 TO 400 Hz,				LECTRICA	L DISCO	ONTINUITY	OF 10	μS.	×	_
		43.1 m/s ² AT 3 h FOR 3 DIRECTIONS.			② CON	TACT RESI	STANC	E: 60 mΩ M	1AX.	•	×	_
					③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					OF	×	_
SHOCK		FREQUENCY 20 TO 50 Hz,				LECTRICA	L DISCO	YTIUNITY	OF 10	μS.	×	_
		66.6 m/s ² AT 1 h .			-	TACT RESI DAMAGE, C				OF	×	_
					PAR	,	RACK A	IND LOOSE	INESS	OF	×	_
LOCK STRENGTH		APPLYING A PULL FORCE THE MATING			① DURING APPLYING,MATING OMPLETELY.						×	_
		AXIALLY AT 98N MAX.			② AFTER APPLYING,NO DEFECT OF MATING PARTS.					×	_	
ENVIRONI	MENTAL CHAP	RACTERISTICS									l .	
DAMP HEAT		EXPOSED AT 60 °C, 90 ~ 95 %, 500 h.				① CONTACT RESISTANCE: $60 \text{ m}\Omega$ MAX.					×	_
(STEADY STATE)					 INSULATION RESISTANCE:100 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF 						×	_
					PAR		0101010	71110 200	OLIVE	00 01	_	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE- 40 →5 TO 35 →120 →5 TO 35°C			① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE:100 MΩ MIN.						×	_
TEMPERATURE		TIME $30 \rightarrow 5 \rightarrow 30 \rightarrow 5 \text{ min}$ UNDER 1000 CYCLES.			3 NO DAMAGE, CRACK AND LOOSENESS OF						×	_
					PARTS.							
DRY HEAT		EXPOSED AT 105°C, 300 h.			① CONTACT RESISTANCE: 60 mΩ MAX.② NO DAMAGE, CRACK AND LOOSENESS OF						×	_
					PAR	TS.					^	
COLD		EXPOSED AT -40°C , 120 h.			 CONTACT RESISTANCE: 60 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS OF 					×	_	
COLD		EXPOSED AT -40°C , 120 II.			PARTS.					33 OF	×	_
RESISTANCE TO SO ₂ GAS		EXPOSED IN 500 PPM FOR 8h.			① CONTACT RESISTANCE: 60 mΩ MAX.						×	_
RESISTANCE TO		SPECIFIED TEMPERATURE PROFILE FOR			NO DEFORMATION OF CASE OF EXCE					SIVE	×	_
SOLDERING HEAT		2CYCLES.			LOOSENESS OF THE TERMINALS.					0.1.	,,	
SOLDERABII	LITY	SOLDERED AT SPECIFIED TEMPS PROFILE.	ERATURE			UNIFORM COVER A					×	_
		PROFILE.				JRFACE BE						
		RIPTION OF REVISIONS DES			GNED			CHECKED			DA	TE
3		DIS-T-00009122	DIS-T-00009122					HH. TSUKUMO			2021	0413
REMARK	F THE TEMPERATION	RE RISING BY CURRENT. rm storage state for the unused product			APPROVE				AR. SHIRAI		2018	
(NOTE2) "STORA	GE" means a long-te				DESIGNED DRAWN			HS. 02		2018		
before a	ssembly to PCB. 1							TK. SHIS				
Note ΩT·Ωι	ıalification Test Δ	T:Assurance Test X:Applicable Tes	nce Test X:Applicable Test				-	TK. SHISHIKURA 20180 ELC-360213-00-00				
				DRAWING NO. PART NO.			GT2	GT25H2-24DP-2. 2V				
									<u>∠.∠V</u>	<u>, T</u>	4 / 4	
HIRO		SE ELECTRIC CO., LTD.	CODE NO.		CL0775-0083-8-00					<u>″1\</u>	1/1	