APPLICA	BLE STANDA	RD								
RATING	OPERATING TEMPERATURE RANGE		-40 °C TO +105 °C	(NOTE1)		RAGE PERATU	RE RANGE	-40 °C TO +1	05 °C	
						IRRENT		1 4		
	VOLTAGE					-		1 A		
	ТЕМ		TEST METHOD		IONS	<b>)</b>		UIREMENTS	Тот	·   ^
							REQ	UIREIMENTS	QT	A
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			IENT.	ACCORDING TO DRAWING.			×	>
MARKING		CONFIRMED VISUALLY.							×	;
ELECTRIC	CHARACTER	RISTICS								
	ESISTANCE	1A DC.				30 m Ω			×	-
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV AC MAX, 0.1 mA(DC OR 1000Hz)				30 m Ω	MAX.		×	-
INSULATION RESISTANCE		500 V DC				100 MΩ MIN .			×	-
VOLTAGE PROOF		650 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				-
-	CAL CHARAC	-								
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			NS.	<ol> <li>CONTACT RESISTANCE: 60 mΩ MAX .</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>			××	-
VIBRATION		FREQUENCY 20 TO 200 Hz,				① NO ELECTRICAL DISCONTINUITY OF 10 μs.			×	1.
		43.1 m/s <sup>2</sup> AT 3 h FOR 3 DIRECTIONS.				<ul> <li>② CONTACT RESISTANCE: 60 mΩ MAX .</li> <li>③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ul>				-
SHOCK		FREQUENCY 20 TO 50 Hz,				PARTS. ① NO ELECTRICAL DISCONTINUITY OF 10 μs.			×	-
		66.6 m/s <sup>2</sup> AT 1 h .				<ol> <li>CONTACT RESISTANCE: 60 mΩ MAX.</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>			× ×	-
LOCK STRENGTH		APPLYING A PULL FORCE THE MATING AXIALLY AT 98N MAX.				<ol> <li>DURING APPLYING, MATING COMPLETELY.</li> <li>AFTER APPLYING, NO DEFECT OF MATING</li> </ol>			×××	-
	MENTAL CHA					PAR	TS.			
DAMP HEAT (STEADY STATE)			D AT 60 °C, 90 ~ 95 %	. 96 h.			TACT RESIS	TANCE: 60 mΩ MAX .	×	
				,		-	DAMAGE, CR	SISTANCE:100 MΩ MIN. ACK AND LOOSENESS OF	× ×	
RAPID CHANGE OF TEMPERATURE		TEMPER	ATURE-40→5 TO 35→ 105	5→5 TO	35°C		-	TANCE: 60 mΩ MAX .	×	-
		TIME $30 \rightarrow 5 \rightarrow 30 \rightarrow 5 min$ UNDER1000CYCLES.				-	DAMAGE, CR	SISTANCE:100 MΩ MIN. ACK AND LOOSENESS OF	× ×	
DRY HEAT		EXPOSED AT 105°C , 300 h.				<ol> <li>CONTACT RESISTANCE: 60 mΩ MAX .</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>				-
COLD		EXPOSED AT -40°C , 120 h.				<ol> <li>CONTACT RESISTANCE: 60 mΩ MAX .</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>				-
RESISTANCE TO SO₂ GAS		EXPOSED IN 500 PPM FOR 8h.				CONTACT RESISTANCE: 60 m $\Omega$ MAX .				-
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, 260 °C FOR IMMERSION, DURATION, 10 s.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245 °C FOR IMMERSION DURATION, 3 s.				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			_	
COUN	T DES		N OF REVISIONS	DESIC		NED		CHECKED	DA	ATE
$\wedge$										
							APPROVE		17. 10.	
NOTE2) CONT		'URE RISING BY CURRENT. F(CL758-0055-7) OR GT8E-2022SCF(CL758-0033-4) . INDICATES AT THE STATE APPLICABLE CONTACT ASSEM			-4).		CHECKEE		17.1	
NOTE3) THE S	TD. VALUE ABOVE				T ASSEM				17.10.2	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DRAWING NO.			YP. SHEN 17. 10. 2 ELC-168941-00-00		
			ATION SHEET		PART NO.			GT8EC-3S-HU		
HIRC		SE ELECTRIC CO., LTD.			CODE NO.		CL758-1017-3-00			1/
					CODE NO.					1

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