	OPERATING TEMPERATUR		-55 °C TO 125 °C (NOTES	1) 1	ORAGE MPFRATI	JRE RANGE	-10 °C TO 60 °C (N	OTES 2	2)
RATING	VOLTAGE		50 V AC	1151					
	CURRENT		0.3 A						
	•		SPECIFI	CATIO	NS				
I	ГЕМ	TEST METHOD			REQUIREMENTS QT AT				АТ
CONSTR	UCTION								•
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCO	ACCORDING TO DRAWING.			Х
MARKING		CONFIRMED VISUALLY.						Х	X
_		CTERISTICS							
		20 mV AC OR LESS 1 kHz, 1 mA.			50 mΩ	50 mΩ MAX.			_
INSULATION RESISTANCE		100 V DC			500 M	500 MΩ MAX		Х	_
VOLTAGE PROOF		150 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			Х	_
		ACTERISTICS						(. X	1
MECHANICAL OPERATION		50 TIMES INSERTIONS AND WITHDRAWALS.							_
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE				② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. ① NO ELECTRICAL DISCONTINUITY OF 1 µs. X			+
VIBICATION		0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			1 2	2 NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
SHOCK					① NO	① NO ELECTRICAL DISCONTINUITY OF 1 μs.			_
		FOR 3 DIRECTIONS.			2 NO [② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
		HARACTERISTICS					54405 50 0 4447	Х	1
RAPID CHANGE OF TEMPERATURE		TIME $30 \rightarrow 2 \text{ TO } 3 \rightarrow 30 \rightarrow 2 \text{ TO } 3 \text{ min}$ UNDER 5 CYCLES.			_	① CONTACT RESISTANCE: 50 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			-
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			_	① CONTACT RESISTANCE: 50 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN.			_
					_	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
SULPHUR DIOXIDE		EXPOSED IN 25 PPM RH 75 % FOR 96 h.			① CONTACT RESISTANCE: 50 mΩ MAX.			Х	_
HEAT RESISTANCE OF SOLDERING		(TEST STANDARD:JEIDA-38) [RECOMMENDED TEMPERATURE PROFILE]			_	② NO HEAVY CORROSION. NO DEFORMATION OF CASE OF EXCESSIVE			 _
		«SOLDERING AREA» MAX250°C, 220°C FOR 60 SECONDS MAX. «PREHEATING AREA» 150 TO 180°C 90~120 SECONDS. MAXIMUM TWICE ACTION IS ALLOWED UNDER THE SAME CONDITION. [RECOMMENDED MANUAL SOLDELING CONDITION] SOLDERING IRON TEMPERATURE 350°C SOLDERING TIME: WITHIN 3 SECONDS.					TERMINALS.		
REMARKS									
NOTES2:STC APPLY OPER	RAGEIS DEFINE ATION TEMPER	ED AS LON	RE RISE BY CURRENT. G-TERM STORAGE OF UNUSED PF NGE TO PRODUCTS MOUNTED ON		OUT POW	/ER SUPLLY.			
COUN	ERWISE SPECIFIED , REFER TO JIS C 5402 . T DESCRIPTION OF REVISIONS DESI				GNED CHECKED DATE				
Δ									
	Į.		· ·			APPROVED	WR. FUKUCHI	2020	00720
						CHECKED TS. MIYAZAKI		2020	00720
						DESIGNED	KT. KUSAKA	2020	00720
					DRAWN		RN. I IDA	20200717	
Note QT:C	ualification Te	st AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-389256-51-01		
	SPECIFICATION SHEET PAR				T NO.	DF12NC (3. 0) -32DS-0. 5V (51)			
	HIROSE ELECTRIC CO., LTD. COD				E NO.	CL537-0195-0-51			1/1

APPLICABLE STANDARD