	OPERATING TEMPERATUR		-55 °C TO 125 °C (NOTES 1)		ORAGE MPERATI	JRE RANGE	-10 °C TO 60 °C (N	OTES :	2)
RATING	VOLTAGE		50 V AC	1.51	בוגאונ				
	CURRENT		0.3 A						
	•		SPECIFI	CATIO	NS				
I	ГЕМ	TEST METHOD				REQUIREMENTS QT AT			
CONSTR	UCTION							•	
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCO	ACCORDING TO DRAWING.			Х
MARKING		CONFIRMED VISUALLY.						X	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		X	_
VOLTAGE PROOF		150 V AC FOR 1 min.			NO FL	NO FLASHOVER OR BREAKDOWN.			_
		ACTERISTICS							1
MECHANICAL OPERATION		50 TIMES INSERTIONS AND WITHDRAWALS.				① CONTACT RESISTANCE: 50 mΩ MAX. X			_
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					3 ① NO	① NO ELECTRICAL DISCONTINUITY OF 1 μs.			_
		FOR 3 DIRECTIONS.			2 NO [② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
		HARACTERISTICS			I @ 001			Х	
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.			_
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.					ETERMINALS.		
REMARKS									
NOTES1:INCI NOTES2:STO APPLY OPER	RAGEIS DEFINI ATION TEMPER	ED AS LON	RE RISE BY CURRENT. G-TERM STORAGE OF UNUSED PF NGE TO PRODUCTS MOUNTED ON ER TO JIS C 5402.		OUT POW	/ER SUPLLY.			
COUN					IGNED		CHECKED	D/	ATE.
Δ									
	ı	,				APPROVE	WR. FUKUCHI	20200721	
						CHECKED	TS. MIYAZAKI	2020	0721
						DESIGNED	KT. KUSAKA	2020	00721
					DRAWN		RN. I IDA	20200717	
Note QT:C	ualification Te	st AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-389318-51-01		
	SPECIFICATION SHEET PAR				T NO.	DF12NC (4. 0) -40DP-0. 5V (51)			
HIROSE ELECTRIC CO., LTD.				COD	E NO.	CL537-0874-0-51		Δ	1/1

APPLICABLE STANDARD