APPLICA	BLE STAN	DARD							
RATING	OPERATING TEMPERATURE RANGE VOLTAGE		-45 °C TO 125 °C (NO	TES 1)	STORAGE TEMPERATU	JRE RANGE	-10 °C TO 60 °C (NO	TES 2	2)
	CURRENT		50 V AC 0.3 A						
	OOTHICETTI			IFICAT	IONS				
17	EM		TEST METHOD			₽E∩I	JIREMENTS	QT	АТ
CONSTRUCTION			TEST WETTER			TEQUITEINI Q			
GENERAL EXAMINATION		VISUALLY	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			Χ
MARKING		CONFIRM	CONFIRMED VISUALLY.					Χ	Х
ELECTR	IC CHAR	ACTERI	STICS					•	•
CONTACT RESISTANCE		20 mV AC OR LESS 1 kHz, 1 mA.			50 mΩ	50 mΩ MAX.			_
INSULATION RESISTANCE		100 V D	100 V DC			500 MΩ MAX			_
VOLTAGE PROOF		150 V AC FOR 1 min.			NO FL	NO FLASHOVER OR BREAKDOWN.			
MECHAN								X	
MECHANICAL OPERATION			50 TIMES INSERTIONS AND WITHDRAWALS.			CONTACT RESISTANCE: 50 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_
VIBRATION		0.75 mm	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			_
SHOCK			490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_
ENVIRON	IMENTAL	CHARAC	TERISTICS			27 4111 102, 0101			
RAPID CHANGE OF TEMPERATURE		TIME	TEMPERATURE -65 \rightarrow 15 TO 35 \rightarrow 125 \rightarrow 15 TO 35 °C TIME 30 \rightarrow 10 TO 15 \rightarrow 30 \rightarrow 10 TO 15 min UNDER 5 CYCLES.			CONTACT RESISTANCE: 50 mΩ MAX. INSULATION RESISTANCE: 500 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			② INS	CONTACT RESISTANCE: 50 mΩ MAX. INSULATION RESISTANCE: 500 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_
CORROSION SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.			① CON	① CONTACT RESISTANCE: 50 mΩ MAX.			_
SULPHUR DIOXIDE			EXPOSED IN 25 PPM RH 75 % FOR 96 h.			 NO HEAVY CORROSION. CONTACT RESISTANCE: 50 mΩ MAX. NO HEAVY CORROSION. 			-
HEAT RESISTANCE OF SOLDERING		(TEST STANDARD:JIS C 60068) [RECOMMENDED TEMPERATURE PROFILE] (SOLDERING AREA) MAX250°C, 220°C FOR 60 SECONDS MAX.			NO DEI	ORMATION	OF CASE OF EXCESSIVE E TERMINALS.	X	_
		《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.							
NOTES2:STO APPLY OPER	RAGEIS DEFII ATION TEMPE	NED AS LON RATURE RA	RE RISE BY CURRENT. G-TERM STORAGE OF UNUSE UNGE TO PRODUCTS MOUNTE			VER SUPLLY		ı	<u> </u>
COUN	_		ESCRIPTION OF REVISIONS DESIG				CHECKED	DA	TE
Δ									
·	•					APPROVE	D WR. FUKUCHI	2019	1120
						CHECKE	D TS. MIYAZAKI	201911	
						DESIGNE		2019	1120
						DRAWN	THE RESPONDE		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWIN			ELC-389322-51-01		
SPEC			CIFICATION SHEET		PART NO.	DF1	DF12NB (5. 0) -30DP-0. 5V (51)		
	HII	ROSE E	OSE ELECTRIC CO., LTD.		CODE NO.	CL537-0878-0-51			1/1