OPERATING TEMPERATUR		F RANGE	-45 °C TO 125 °C(NO	11 = (1) = 1	TORAGE MPERATI	JRE RANGE	-10 °C TO 60 °C(NO	TES 2	2)
RATING	VOLTAGE		50 V AC						
	CURRENT		0.3 A						
			SPEC	IFICATIO	NS				
ITEM		TEST METHOD				REQUIREMENTS			AT
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCO	RDING TO I	DRAWING.	Χ	Х
MARKING		CONFIRMED VISUALLY.						Χ	Χ
ELECTRIC CHARA								X	ı
		20 mV AC OR LESS 1 kHz, 1 mA.				50 mΩ MAX.			_
INSULATION RESISTANCE		100 V DC				500 ΜΩΜΑΧ			_
VOLTAGE PROOF		150 V AC FOR 1 min.			NO FL	NO FLASHOVER OR BREAKDOWN.			
	OBERATION			DDAMALC	3.00	NTA OT DE	NOTANOE 50 50 MAY	Х	I
MECHANICAL OPERATION		50 TIMES INSERTIONS AND WITHDRAWALS.			_	① CONTACT RESISTANCE: 50 m Ω MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE			_	① NO ELECTRICAL DISCONTINUITY OF 1 μs.			_
		0.75 mm, AT 2 h, FOR 3 DIRECTIONS.				② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			0	 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			_
ENI/IDON	IMENITAL C				(2) NO I	DAMAGE, CRAC	CK AND LOOSENESS OF PARTS.		
RAPID CHA		HARACTERISTICS TEMPERATURE -65 →15 TO 35 →125 →15 TO 35 °C				ITACT RESIS	TANCE: 50 mΩ MAX.	Х	_
TEMPERATURE DAMP HEAT (STEADY STATE) CORROSION SALT MIST		TIME 30 → 10 TO 15 → 30 →10 TO 15 min				② INSULATION RESISTANCE: 500 MΩ MIN.			
		UNDER 5 CYCLES. EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. ① CONTACT RESISTANCE: 50 mΩ MAX.			_
		EXT GOLD X1 40 ± 2 0, 30 10 33 70, 30 11.				② INSULATION RESISTANCE: 500 M Ω MIN.			
		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. ① CONTACT RESISTANCE: 50 mΩ MAX.			
		EXPOSED IN 5% SALT WATER SPRAT FOR 46 II.			_	② NO HEAVY CORROSION.			
SULPHUR DIOXIDE		EXPOSED IN 25 PPM RH 75 % FOR 96 h. (TEST STANDARD:JIS C 60068)			-	ITACT RESIS HEAVY CORF	TANCE: $50 \text{ m}\Omega$ MAX. ROSION.	Х	_
HEAT RESISTANCE OF		[RECOMMENDED TEMPERATURE PROFILE]				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.			_
SOLDERING		《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.			:	NESS OF THE	E TERMINALS.		
DEMANUS.									
NOTES2:STO APPLY OPER	RAGEIS DEFINE ATION TEMPER	ED AS LON ATURE RA	RE RISE BY CURRENT. G-TERM STORAGE OF UNUSE NGE TO PRODUCTS MOUNTE ER TO JIS C 5402.		HOUT POW	VER SUPLLY.			
	COUNT DESCRIPTION OF REVISIONS			DES	DESIGNED CHECKED			DA	TE
⚠									
						APPROVE		2019	
						CHECKED		2019	
						DESIGNED		2019	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					<u> </u>		KT. KUSAKA ELC-389243-5	20190827 3-51-01	
	SPECIFICATION SHEET				PART NO. DF12NB (3. 0) -10DS-0. 5V				
	HIROSE ELECTRIC CO., LTD.				OF NO	CL 537-0097-0-51			

APPLICABLE STANDARD