APPLICA	BLE STAN	DARD								
OPERATING			-45 °C TO 125 °C(NO	TES 1)	STORAGE		-10 °C TO 60 °C(NC	TFS 2	2)	
RATING	TEMPERATURE RANGE		·	ILO I)	TEMPERATI	JRE RANGE	-10 0 10 00 0 (NC	ILO Z	۷)	
	VOLTAGE		50 V AC							
	CURRENT		0.3 A							
SPECIFICATIONS										
	EM		TEST METHOD			REQUIREMENTS			AT	
CONSTRI										
GENERAL EX	AMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			Χ	
MARKING		CONFIRM	CONFIRMED VISUALLY.					Χ	Χ	
ELECTRIC CHARACTERISTICS										
CONTACT RESISTANCE		20 mV A	20 mV AC OR LESS 1 kHz, 1 mA.			50 mΩ MAX.			_	
INSULATION RESISTANCE		100 V D0	100 V DC			500 MΩ MAX			_	
VOLTAGE PROOF		150 V AC	150 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			_	
MECHANICAL CHARACTERISTICS										
MECHANICAL	OPERATION	50 TIME				① CONTACT RESISTANCE: 50 mΩ MAX.			_	
VIBRATION						② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
						① NO ELECTRICAL DISCONTINUITY OF 1 μs.			_	
0110014			0.75 mm, AT 2 h, FOR 3 DIRECTIONS. 490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES			② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
SHOCK			FOR 3 DIRECTIONS.			1 NO ELECTRICAL DISCONTINUITY OF 1 µs.			_	
FOR 3 DIRECTIONS. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. ENVIRONMENTAL CHARACTERISTICS										
RAPID CHA			_			NTACT RESIS	TANCE: 50 mΩ MAX.	Х	Ι_	
TEMPERATURE		TIME	TIME 30 → 10 TO 15 → 30 →10 TO 15 min			② INSULATION RESISTANCE: 500 M Ω MIN.				
DAMBUEAT			UNDER 5 CYCLES.			③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
DAMP HEAT (STEADY STATE)		EXPOSE	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. ② INSULATION RESISTANCE: $500 \text{ M}\Omega$ MIN.			_	
(OTEADT OTATE)						③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
SULPHUR DIOXIDE			EXPOSED IN 25 PPM RH 75 % FOR 96 h. (TEST STANDARD:JIS C 60068)			① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. ② NO HEAVY CORROSION.				
HEAT RESIS	STANCE OF	[RECON	[RECOMMENDED TEMPERATURE PROFILE]			FORMATION (OF CASE OF EXCESSIVE	Х	_	
SOLDERING	}	-	(SOLDERING AREA)			NESS OF TH	E TERMINALS.			
			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.								
			SAME CONDITION. [RECOMMENDED MANUAL SOLDELING CONDITION]							
			SOLDERING IRON TEMPERATURE 350°C							
		SOLDE	SOLDERING TIME : WITHIN 3 SECONDS.							
REMARKS									1	
_	UDING THE T	EMPERATUR	RE RISE BY CURRENT.							
			G-TERM STORAGE OF UNUSE			WED CHOLLY				
APPLY OPER	ATION TEMPE	RATUKE KA	NGE TO PRODUCTS MOUNTE	D ON PCR A	VII HOUT PO\	VER SUPLLY.				
UNLESS OTH	ERWISE SPEC	CIFIED , REF	ER TO JIS C 5402.							
COUN	Т	DESCRIPTION OF REVISIONS DESI			ESIGNED	GNED CHECKED			ΛTE	
						APPROVE	D WR. FUKUCHI	2020	0512	
						CHECKED TS. MIYAZAKI		2020	0512	
						DESIGNE	O KT. KUSAKA	20200512		
						DRAWN	KT. KUSAKA	2020	0512	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test D				DRAWI	RAWING NO. ELC-389267-51		1-01	1		
	SPECIFICATION SHEET PART				PART NO.	NO. DF12NB-50DS-0. 5V (51)				
	HIROSE ELECTRIC CO., LTD. CODE			ODE NO.	NO. CL537-0291-0-51			1/1		
,					J	3230	. 5257 5 51		•	