APPLICA			DARD										
		OPERATING TEMPERATURE RANGE		−35°C TO +85°C(NOTES 1) TE		ТЕМ	ORAGE EMPERATURE RANGE			-10°C TO +60°C			
RATING	VOLTAGE			30V AC			APPLICABLE CONNECTOR			DF37*-44DP-0.4V			
	CURRENT			0. 3A									
				SPEC	IFICA	ATIO	NS						
l7	ГЕМ			TEST METHOD				RE	QU	IREMENTS	QT	АТ	
CONSTR													
GENERAL EXAMINATION			CONFIRMED VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X	X	
MARKING			CONFIRMED VISUALLY.								X	X	
ELECTR							1						
CONTACT RESISTANCE			20mV AC OR LESS 1khz,1m A .				100mΩ MAX.				X	—	
INSULATION RESISTANCE			100V DC.				50MΩ MIN.				Х	_	
VOLTAGE PROOF			100V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				Х	-	
MECHAN	VIC/	AL CHA	RACTE	ERISTICS							1		
INSERTION AND			MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE 45.4N MAX.				X	-	
WITHDRAWAL FORCES							EXTRACTION FORCE 8.7N MIN.				Х	-	
MECHANICAL OPERATION			10TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 100mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				X	-	
VIBRATION			FREQUENCY 10 TO 55 TO 10 Hz,APPROX 5min, SINGLE AMPLITUDE 0.75 mm,10CYCLES, FOR 3 DIRECTIONS.				 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				×	-	
SHOCK			490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				NO ELECTRICAL DISCONTINUITY OF 1 µs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				X	_	
				ACTERISTICS									
RAPID CHANGE OF TEMPERATURE			TEMPERATURE -55 \rightarrow +85 °C TIME 30 \rightarrow 30 min UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER: WITHIN 2~3 MIN)				 ① CONTACT RESISTANCE: 100mΩ MAX. ② INSULATION RESISTANCE: 50MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				1 v	-	
DAMP HEAT (STEADY STATE)			EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.									_	
SULPHUR DIIOXIDE			EXPOSED IN 25 PPM FOR 96h,25°C,75%. (REFER TO JIS C 60068)				① CONTACT RESISTANCE: 100mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				X	-	
SALT MIST			EXPOSED IN 5% SALT MIST FOR 48h.				① CONTACT RESISTANCE: 100mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					-	
COUN	IT	DE	SCRIPTION	ON OF REVISIONS		DESIG	NED			CHECKED		DATE	
<u>A</u>													
REMARKS NOTE1: INCL	UDE 1	ГНЕ ТЕМРЕ	ERATURE RISING BY CURRENT					APPROVI CHECKE	-	KH. IKEDA TS. MIYAZAKI		0.03	
							DESIGNE	-	RT. SHIMIZU	1	10.03		
Unless oth	erwis	se specifi	ed, refer	d, refer to JIS C 5402 and IEC 60512			DRAWN		-+	RT. SHIMIZU	12. 10. 01		
Note QT:Q	Note QT:Qualification Test AT:Assurance Test X:Applicable Test D					DF	RAWING NO.			ELC4-320206-02			
HRS.		SPECIFICATION SHEET				PART	NO.	DF37NB-44DS-0. 4		37NB-44DS-0. 4V (5	1)		
H			HIROSE ELECTRIC CO., LTD.			CODE NO.		CL6	CL684-3407-7-51			1/	