







APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	 -55°C TO 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60°C			
	VOLTAGE	 50V AC	APPLICABLE CONNECTOR	DF40*-20DP-0. 4V (**)			
	CURRENT	0. 3A					
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS	QT	AT	
CONSTRUCTION							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X	
MARKING		CONFIRMED VISUALLY.			X	X	
ELECTRIC CHARACTERISTICS							
CONTACT RESISTANCE		20mV AC OR LESS 1kHz,1mA .		90mΩ MAX.	X	—	
INSULATION RESISTANCE		100V DC.		50MΩ MIN.	X	—	
VOLTAGE PROOF		150V AC FOR 1 min. 		NO FLASHOVER OR BREAKDOWN.	X	—	
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION		30TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 90mΩ 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.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—	
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—	
ENVIRONMENTAL CHARACTERISTICS							
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 5 TO 35→85→ 5 TO 35 °C TIME 30→ 5 MAX → 30→ 5 MAX min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 90mΩ MAX. ② INSULATION RESISTANCE: 50MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 90mΩ MAX. ② INSULATION RESISTANCE: 25MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—	
SULPHUR DIOXIDE		EXPOSED IN 25 PPM FOR 96h,25°C,75%.		① CONTACT RESISTANCE: 180mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—	
HEAT RESISTANCE OF SOLDERING		<b>RECOMMENDED TEMPERATURE PROFILE</b> <b>SOLDERING AREA</b> MAX 250°C, 220°C FOR 60 SECONDS MAX. <b>PREHEATING AREA</b> 150 TO 180°C 90 TO 120SECONDS. MAXIMUM TWICE ACTION IS ALLOWED UNDER THE SAME CONDITION. <b>RECOMMENDED MANUAL SOLDERING CONDITION</b> SOLDERING IRON TEMPERATURE 350°C. SOLDERING TIME: WIHTIN 3 SECONDS.		NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINASL.	X	—	
SOLDERABILITY		SOLDERING TEMPERATURE: 245±5°C DURATION OF IMMERSION: SOLDERING FOR 3 ±0.5 SECONDS.		A NEW UNIFORM COATING OF SOLDER SHALL COVER MINIMUM OF 95% OF THE SURFACE BEING IMMERSED.	X	—	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
	3	DIS-H-00019849	RT. SHIMIZU	TY. 00I	20240228		
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT  Unless otherwise specified, refer to JIS C 5402, IEC 60512.				APPROVED	KH. IKEDA	20140617	
				CHECKED	TS. MIYAZAKI	20140617	
				DESIGNED	RT. SHIMIZU	20140617	
				DRAWN	KR. AJITO	20140617	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-314723-02		
	SPECIFICATION SHEET		PART NO.	DF40C (2. 0) -20DS-0. 4V (58)			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0684-4040-0-58		1/1	