






APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	 -55°C TO 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60°C	
	VOLTAGE	 50V AC			
	CURRENT	0.3A			
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	
QT		AT			
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING		CONFIRMED VISUALLY.			
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		20mV AC OR LESS 1kHz,1mA .		90mΩ MAX.	
INSULATION RESISTANCE		100V DC.		50MΩ MIN.	
VOLTAGE PROOF		150V AC FOR 1 min. 		NO FLASHOVER OR BREAKDOWN.	
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 90mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz,APPROX 5 min, SINGLE AMPLITUDE 0.75 mm,10 CYCLES, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR 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 OR LOOSENESS OF PARTS.	
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.	
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.	
SULPHUR DIOXIDE		EXPOSED IN 25 PPM FOR 96h,25°C,75%.		① CONTACT RESISTANCE: 180mΩ MAX. ② NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR.	
HEAT RESISTANCE OF SOLDERING		RECOMMENDED TEMPERATURE PROFILE SOLDERING AREA MAX 250°C, 220°C FOR 60 SECONDS MAX. PREHEATING AREA 150 TO 180°C 90 TO 120SECONDS. MAXIMUM TWICE ACTION IS ALLOWED UNDER THE SAME CONDITION. RECOMMENDED MANUAL SOLDERING CONDITION SOLDERING IRON TEMPERATURE 350°C. SOLDERING TIME: WIHTIN 3 SECONDS.		NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	
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.	
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED
	3	DIS-H-00019849		RT. SHIMIZU	TY. 001
REMARKS				APPROVED	DATE
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT				WR. FUKUCHI	20201214
				CHECKED	TS. MIYAZAKI
				DESIGNED	RH. KITAGAWA
Unless otherwise specified, refer to JIS C 5402 and IEC 60512.				DRAWN	YK. MITSUISHI
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO. ELC-321216-58-00	
	SPECIFICATION SHEET			PART NO. DF40HC (4. 0) -60DS-0. 4V (58)	
	HIROSE ELECTRIC CO., LTD.			CODE NO. CL0684-4133-9-58	
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