

APPLICABLE STANDARD															
RATING	OPERATING TEMPERATURE RANGE	-35°C TO 85°C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60°C											
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	DF40C-*DP-0. 4V											
	CURRENT	0. 3A													
SPECIFICATIONS															
ITEM		TEST METHOD		REQUIREMENTS											
CONSTRUCTION															
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.											
MARKING		CONFIRMED VISUALLY.		X	X										
ELECTRIC CHARACTERISTICS															
CONTACT RESISTANCE		20mV AC OR LESS 1khz,1m A .		90mΩ MAX.	X —										
INSULATION RESISTANCE		100V DC.		50MΩ MIN.	X —										
VOLTAGE PROOF		100V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.											
X				X	—										
MECHANICAL CHARACTERISTICS															
MECHANICAL OPERATION		30TIMES 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 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.											
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.											
X				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.											
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 DAMAGE, CRACK OR LOOSENESS OF PARTS.											
X				X	—										
X				X	—										
<table border="1" style="width: 100%;"> <thead> <tr> <th>COUNT</th> <th>DESCRIPTION OF REVISIONS</th> <th>DESIGNED</th> <th>CHECKED</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE					
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE											
REMARKS			APPROVED	KH. IKEDA											
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT			CHECKED	TS. MIYAZAKI											
Unless otherwise specified, refer to JIS C 5402.			DESIGNED	AR. TAKAHASHI											
			DRAWN	AK. AOYAGI											
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-318047-01										
HRS	SPECIFICATION SHEET		PART NO.	DF40HC (2. 5) -*DS-0. 4V (51)											
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL684	1/1										