APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−35 °C TO +85 °C(NOTES 1)	STORAGE TEMPERATURE RANGE	−10 °C TO +60 °C
	VOLTAGE	30 V AC	APPLICABLE CONNECTOR	DF37∗-50DP-0.4V(∗∗)
	CURRENT	0.3 A		

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	20 mV AC OR LESS 1khz,1m A .	100 mΩ MAX.	X	—
INSULATION RESISTANCE	100 V DC.	50 MΩ MIN.	X	—
VOLTAGE PROOF	100 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 100 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠0					

REMARKS
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT

Unless otherwise specified, refer to JIS C 5402.

APPROVED	MO. NAKAMURA	07.07.24
CHECKED	KH. IKEDA	07.07.23
DESIGNED	KY. MIDORIKAWA	07.07.20
DRAWN	KY. MIDORIKAWA	07.07.20

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-313148-03

HRS	SPECIFICATION SHEET	PART NO.	DF37CJ-50DS-0.4V(53)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL684-3052-3-53	⚠0 1/

FORM HD0011-2-1

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