Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C(NOTE1)		STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE2)
	VOLTAGE	250 V AC		APPLICABLE CONNECTORS	DF1-＊P-2.5DS,DF1-＊P-2.5DSA
	CURRENT	AWG26	⚠1 2A	OPERATING HUMIDITY RANGE	UL1007,AWG26

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	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	X	—
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	X	—
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–
SHOCK	490 m/s^2 DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	–
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE –55→ 5 TO 35→85→ 5 TO 35℃ TIME 30→ 10 → 30→ 10 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:1000 MΩMIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 ℃, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–

REMARKS

NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.

NOTE2:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD AFTER PCBBOARD , OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERM STORAGE DURING TRANSPORTATION.

Unless otherwise specified, refer to JIS C 5402.

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠1	1	DIS-H-000869	AK.MIURA	HK.UMEHARA	06.03.31

APPROVED	TY.OMA	05.12.28
CHECKED	HK.UMEHARA	05.12.28
DESIGNED	NS.HIROSE	05.12.27
DRAWN	AK.MIURA	05.12.27

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

DRAWING NO. ELC4-162344-01

HRS	SPECIFICATION SHEET	PART NO.	DF1-＊S-2.5R26(05)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL541 ⚠1	1/1

FORM HD0011-2-1