

In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD		STORAGE TEMPERATURE RANGE		-10 °C TO +60 °C(NOTE2)	
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C(NOTE1)		TEMPERATURE RANGE	
VOLTAGE	250 V AC	APPLICABLE CONNECTORS		DF1- * P-2.5DS, DF1- * P-2.5DSA	
CURRENT	AWG26	Δ 2A		OPERATING HUMIDITY RANGE	
UL1007,AWG26					
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS		QT	AT
CONSTRUCTION					
GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.		
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.		X
			② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs.		X	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE TIME 30 → 10 → 30 → 10 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX.		X	-
			② INSULATION RESISTANCE: 1000 MΩ 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: 30 mΩ MAX.		X	-
			② INSULATION RESISTANCE: 1000 MΩ MIN.		-
			③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		-
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.					
Δ	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	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	Δ 1/1