

<b>APPLICABLE STANDARD</b>							
<b>RATING</b>	<b>OPERATING TEMPERATURE RANGE</b>	-30 °C TO +85 °C(NOTE1)		<b>STORAGE TEMPERATURE RANGE</b>	-10 °C TO +60 °C(NOTE2)		
	<b>VOLTAGE</b>	250 V AC		<b>APPLICABLE CONNECTORS</b>	DF1- * P-2.5DS,DF1- * P-2.5DSA		
	<b>CURRENT</b>	AWG24	3A	<b>OPERATING HUMIDITY RANGE</b>	UL1007,AWG24		
<b>SPECIFICATIONS</b>							
<b>ITEM</b>		<b>TEST METHOD</b>		<b>REQUIREMENTS</b>	<b>QT</b> <b>AT</b>		
<b>CONSTRUCTION</b>							
<b>GENERAL EXAMINATION</b>		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.	X	X
<b>MARKING</b>		CONFIRMED VISUALLY.				X	X
<b>ELECTRIC CHARACTERISTICS</b>							
<b>CONTACT RESISTANCE</b>		100 mA (DC OR 1000 Hz).		30 mΩ MAX.		X	—
<b>INSULATION RESISTANCE</b>		500 V DC.		1000 MΩ MIN.		X	—
<b>VOLTAGE PROOF</b>		650 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X	—
<b>MECHANICAL CHARACTERISTICS</b>							
<b>MECHANICAL OPERATION</b>		30 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
<b>VIBRATION</b>		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	—
<b>SHOCK</b>		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				X	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>							
<b>RAPID CHANGE OF TEMPERATURE</b>		TEMPERATURE -55→5 TO 35→85→5 TO 35°C 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	—
<b>DAMP HEAT (STEADY STATE)</b>		EXPOSED AT 40 ± 2 °C, 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	—
<b>COUNT</b>	<b>DESCRIPTION OF REVISIONS</b>		<b>DESIGNED</b>		<b>CHECKED</b>	<b>DATE</b>	
△							
<b>REMARKS</b>				<b>APPROVED</b>	TY. OMA	05.08.11	
NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.				<b>CHECKED</b>	HK. UMEHARA	05.08.11	
Unless otherwise specified, refer to MIL-STD-1344.				<b>DESIGNED</b>	IO. DENPOUYA	05.08.11	
				<b>DRAWN</b>	MK. MATSUO	05.08.08	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			<b>DRAWING NO.</b>		<b>ELC4-162345-01</b>		
<b>HRS</b>	<b>SPECIFICATION SHEET</b>		<b>PART NO.</b>		DF1-*S-2. 5R24 (05)		
	<b>HIROSE ELECTRIC CO., LTD.</b>		<b>CODE NO.</b>		CL543		
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