

△	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
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<b>APPLICABLE STANDARD</b>										
<b>RATING</b>	OPERATING TEMPERATURE RANGE	- 3 0 °C TO + 8 5 °C (NOTE1)			STORAGE TEMPERATURE RANGE	- 1 0 °C TO 6 0 °C				
	VOLTAGE	250 V AC	UL-CSA RATING	30 V AC						
	CURRENT	2 A	RATING	2 A						
<b>SPECIFICATIONS</b>										
<b>ITEM</b>	<b>TEST METHOD</b>				<b>REQUIREMENTS</b>				<b>QT</b>	<b>AT</b>
<b>CONSTRUCTION</b>										
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				x	x
MARKING	CONFIRMED VISUALLY.								x	x
<b>ELECTRICAL CHARACTERISTICS</b>										
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	—
<b>MECHANICAL CHARACTERISTICS</b>										
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND 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 AND LOOSENESS, OF PARTS.				x	—
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>										
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55±3→5 TO 35→85±2→5 TO 35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 250 °C, FOR IMMERSION, DURATION, 5 s.				NO DEFORMATION ON CASE OR EXCESSIVE LOOSENESS OF THE TERMINALS.				x	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 230 °C FOR IN IMMERSION, DURATION, 3 s.				SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSSED.				x	—
<b>REMARKS</b>					<b>DRAWN</b>	<b>DESIGNED</b>	<b>CHECKED</b>	<b>APPROVED</b>	<b>RELEASED</b>	
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.					<i>S. Ono</i> 07.09.13	<i>S. Ono</i> 07.09.13	<i>T. Miyajuki</i> 04.09.13	<i>T. Miyajuki</i> 04.09.13		
Unless otherwise specified, refer to IEC 60512.										
Note QT: Qualification Test AT: Assurance Test x: Applicable Test										
<b>HRS HIROSE ELECTRIC CO., LTD.</b>					<b>SPECIFICATION SHEET</b>			<b>PART NO.</b>		
					DF11E-22DP-2DSA (14)					
CODE NO.(OLD)			DRAWING NO.			CODE NO.				
CL			ELC4-160067-01			CL543-0760-3-14				
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