

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD			
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)	STORAGE TEMPERATURE RANGE
	VOLTAGE	500 V AC	APPLICABLE CONNECTOR
	CURRENT	AWG18 8A	APPLICABLE CONTACT
		AWG20 6A	
		AWG22 5A	APPLICABLE CABLE

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SPECIFICATIONS			
ITEM	TEST METHOD	REQUIREMENTS	QT AT
CONSTRUCTION			
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×
MARKING	CONFIRMED VISUALLY.		×
ELECTRIC CHARACTERISTICS			
CONTACT RESISTANCE	100mA(DC OR 1000 Hz).	30mΩ MAX.	×
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	×
VOLTAGE PROOF	1500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×
MECHANICAL CHARACTERISTICS			
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	①CONTACT RESISTANCE: 30 mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2h, FOR 3 DIRECTIONS.	①NO ELECTRICAL DISCONTINUITY OF 10μs.	×
SHOCK	490 m/s ² DURATION OF PULSE 11ms AT 3 TIMES FOR 3 DIRECTIONS.	②CONTACT RESISTANCE: 30mΩ MAX. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×
ENVIRONMENTAL CHARACTERISTICS			
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →5~35→ 85 →5~35 °C TIME 30 →5 → 30 → 5 min UNDER 5 CYCLES.	①CONTACT RESISTANCE: 30 mΩ MAX. ②INSULATION RESISTANCE:1000 MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 h.	①CONTACT RESISTANCE: 30 mΩ MAX. ②INSULATION RESISTANCE: 500 MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×
REMARKS			
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.		DRAWN	DESIGNED
		CHECKED	APPROVED
		RELEASED	
Unless otherwise specified, refer to MIL-STD-1344.		01.7.11	01.7.11
		01.7.11	01.7.18
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test			
HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET	
CODE NO (OLD)		PART NO.	
CL		DF5A-8DS-5C	
DRAWING NO.		PART NO.	
ELC4-160155		CL676-0027-5	
		1/1	

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