

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE		-35 °C TO +85 °C(NOTE1)				STORAGE TEMPERATURE RANGE		-10 °C TO +60 °C		
	VOLTAGE		500 V AC				APPLICABLE CONNECTOR		DF5A- * P-5DSA		
	CURRENT		AWG18 8A				APPLICABLE CONTACT		DF5-1822SCF		
			AWG20 6A						DF5A-1822SCF		
			AWG22 5A				APPLICABLE CABLE		AWG18~AWG22		
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 I.DENPOYA 00.12.20	DESIGNED H.Uchida 00.12.21	CHECKED C.Harumi 00.12.28	APPROVED K.Katayama 01.1.5	RELEASED	
Unless otherwise specified, refer to MIL-STD-1344.											
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test											
HS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO. DF5A- * S - 5 C		
CODE NO.(OLD) CL			DRAWING NO. ELC4-160243			PART NO. CL676			1/1		

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