

COUNT	DESCRIPTION OF REVISIONS			BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS			BY	CHKD	DATE
△							△						
△							△						
<b>APPLICABLE STANDARD</b>													
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-8DP-5DSA				
		CURRENT		AWG18 8A			APPLICABLE CONTACT		DF5-1822SCF				
				AWG20 6A					DF5A-1822SCF				
		AWG22 5A			APPLICABLE CABLE		AWG18~AWG22						
<b>SPECIFICATIONS</b>													
ITEM		TEST METHOD					REQUIREMENTS					QT	AT
<b>CONSTRUCTION</b>													
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.					ACCORDING TO DRAWING.					×	×
MARKING		CONFIRMED VISUALLY.										×	×
<b>ELECTRIC CHARACTERISTICS</b>													
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.					×	—
<b>MECHANICAL CHARACTERISTICS</b>													
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.					① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					×	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s <sup>2</sup> AT 2h, FOR 3 DIRECTIONS.					① NO ELECTRICAL DISCONTINUITY OF 10μs.					×	—
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11ms AT 3 TIMES FOR 3 DIRECTIONS.					② CONTACT RESISTANCE: 30mΩ MAX. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					×	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>													
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.					① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					×	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 h.					① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					×	—
<b>REMARKS</b>													
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.						DRAWN I.DENPOUYA		DESIGNED I.DENPOUYA	CHECKED C.Hanami	APPROVED K.Katayose	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													
<b>HIROSE</b> <b>HIROSE ELECTRIC CO., LTD.</b>		<b>SPECIFICATION SHEET</b>					PART NO. DF5A-8DS-5C						
CODE NO (OLD) CL			DRAWING NO. ELC 4-160155			PART NO. CL676-0027-5				1		1	