

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	DF5-1822SC(F)			
		AWG20 6A				DF5A-1822SC(F)			
	AWG22 5A			APPLICABLE CABLE	AWG18~AWG22				
SPECIFICATIONS									
ITEM	TEST METHOD			REQUIREMENTS			QT	AT	
CONSTRUCTION									
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			X	X	
MARKING	CONFIRMED VISUALLY.						X	X	
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE	100mA(DC OR 1000 Hz).			30mΩ MAX.			X	—	
INSULATION RESISTANCE	500 V DC.			1000 MΩ MIN.			X	—	
VOLTAGE PROOF	1500 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			X	—	
MECHANICAL CHARACTERISTICS									
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.			①CONTACT RESISTANCE: 30 mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	—	
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2h, FOR 3 DIRECTIONS.			①NO ELECTRICAL DISCONTINUITY OF 10μs.			X	—	
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.			X	—	
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.			X	—	
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.			X	—	
REMARKS									
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				I.DENPOOYA	I.DENPOOYA	H.Umeshita	K.Katayone		
Unless otherwise specified, refer to MIL-STD-1344.				01.11.27	01.11.27	01.11.27	01.11.30		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test									
HIROSE HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET			PART NO. D F 5 A - * S - 5 C				
CODE NO.(OLD) CL		DRAWING NO. E L C 4 - 1 6 0 2 4 3			PART NO. CL 6 7 6				
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