

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
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APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C (NOTE1)			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C				
	VOLTAGE	250 VAC	JL-CSA	30V AC	APPLICABLE CONTACT	---				
	CURRENT	2A	STANDARD	2A	APPLICABLE CONNECTOR	---				
					APPLICABLE CABLE	---				
SPECIFICATIONS										
ITEM	TEST METHOD				REQUIREMENTS				QT	AT
CONSTRUCTION										
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				○	○
MARKING	CONFIRMED VISUALLY.								○	○
ELECTRICAL CHARACTERISTICS										
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).				30 mΩ MAX.				○	-
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA (DC OR 1000 Hz).				mΩ MAX.				-	-
INSULATION RESISTANCE	500 V DC				1000 MΩ MIN.				○	-
VOLTAGE PROOF	650 V AC FOR 1 min				NO FLASHOVER OR BREAKDOWN.				○	-
MECHANICAL CHARACTERISTICS										
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.				INSERTION FORCE		N MAX.		-	-
					EXTRACTION FORCE		N MIN.		-	-
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE		N MAX.		-	-
					EXTRACTION FORCE		N MIN.		-	-
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, 98 m/s ² AT 2 h FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② CONTACT RESISTANCE: 30 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② CONTACT RESISTANCE: --- mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
ENVIRONMENTAL CHARACTERISTICS										
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 AND LOOSENESS OF PARTS.				○	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55±3~3~3.5~85±2~5~35°C TIME 30~5~30~5 min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: --- MΩ. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 260 °C FOR IMMERSION, DURATION, 5 s.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				○	-
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 230 °C FOR IMMERSION DURATION, 3 s.				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSSED.				○	-
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
NOTE1 INCLUDE THE TEMPERATURE RISING BY CURRENT. Unless otherwise specified, refer to MIL-STD-1344.					<i>R. Sasaki</i>	<i>T. Mizoguchi</i>	<i>J. Oma</i>	<i>M. Yamamoto</i>		
					'95.6.29	'95.7.4	'95.7.13	'95.7.17		
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test										
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO.		
								DF11F-XDP-2DSA		
CODE NO. (OLD)			DRAWING NO.			CODE NO.			1	
CL			ELC4-160085-01			0758-1				
						CL 543-0765-7				

TO

