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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
<b>APPLICABLE STANDARD</b>									
RATING	OPERATING TEMPERATURE RANGE	°C TO °C			STORAGE TEMPERATURE RANGE	°C TO °C			
	VOLTAGE	350 V AC , 490 V DC			OPERATING HUMIDITY RANGE	% TO %			
	CURRENT	3 A			APPLICABLE CABLE				
<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		100 mA (DC OR 1000 Hz).			30 mΩ MAX.			○	○
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX, 1 mA (DC OR 1000 Hz).						○	—
INSULATION RESISTANCE		500 V DC.			5000 MΩ MIN.			○	○
VOLTAGE PROOF		1250 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○
<b>MECHANICAL CHARACTERISTICS</b>									
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 53.9 N MAX. EXTRACTION FORCE 39.2 N MAX.			○	—
MECHANICAL OPERATION		500 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, — m/s <sup>2</sup> AT 2h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						○	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55±2→5~35→85±3→5~35 °C TIME 30 →5MAX→ 30 →5MAX min UNDER 5 CYCLES.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90~95 %, 96 h.			① INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY.) 1000 MΩ MIN. (AT DRY.) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			○	—
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.			NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.			○	—
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.			MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.			○	—
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to JIS C 5402.				<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
<b>HRS HIROSE ELECTRIC CO., LTD.</b>				<b>SPECIFICATION SHEET</b>			PART NO. <b>SDEG-9PF(55)</b>		
CODE NO.(OLD) CL		DRAWING NO. ELC4-023326-01			CODE NO. CL211-0689-1-55			1/1	