

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		
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APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE	— t TO — °C			STORAGE TEMPERATURE RANGE	— t TO — °C					
	VOLTAGE	AC 250V			OPERATING HUMIDITY RANGE	— % TO — %					
	CURRENT	3A			APPLICABLE CABLE	AWG. 22 TO 26					
SPECIFICATIONS					JACKET DIAMETER 1.0 TO 1.8 mm						
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).			15 mΩ MAX.			○ —			
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX. mA (DC OR 1000 Hz).			mΩ MAX.			— —			
INSULATION RESISTANCE		V DC			MΩ MIN.			— —			
VOLTAGE PROOF		V AC FOR 1 min			NO FLASHOVER OR BREAKDOWN.			— —			
MECHANICAL CHARACTERISTICS											
CONTACT INSERTION AND EXTRACTION FORCES		□ 0.635 ± 0.002 BY STEEL GAUGE.			INSERTION FORCE 3.4 N MAX. EXTRACTION FORCE 0.56 N MIN.			○ —			
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.			— —			
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS			① CONTACT RESISTANCE: 15 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○ —			
VIBRATION		FREQUENCY TO Hz, SINGLE AMPLITUDE mm, m/s ² AT h FOR DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF ② CONTACT RESISTANCE: mΩ MAX.			— —			
SHOCK		m/s ² DURATION OF PULSE ms AT TIMES FOR DIRECTION.			① NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			— —			
ENVIRONMENTAL CHARACTERISTICS											
DAMP HEAT (STEADY STATE)		EXPOSED AT °C, h.			① CONTACT RESISTANCE: mΩ MAX. ② INSULATION RESISTANCE: MΩ MIN.			— —			
RAPID CHANGE OF TEMPERATURE		TEMPERATURE °C, min TIME min UNDER CYCLES.			① NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			— —			
DAMP HEAT, CYCLIC		EXPOSED AT °C, TO h. %, TOTAL CYCLES (h).			① CONTACT RESISTANCE: mΩ MAX. ② INSULATION RESISTANCE: MΩ MIN. (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: MΩ MIN. (AT DRY) ④ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			— —			
DRY HEAT		EXPOSED AT °C, h.			① CONTACT RESISTANCE: mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			— —			
CORROSION SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48h.			① CONTACT RESISTANCE: 15 mΩ MAX. ② NO HEAVY CORROSION.			○ —			
HYDROGEN SULPHIDE		EXPOSED IN PPM FOR h. (TEST STANDARD: JEIDA-38)						— —			
SULPHUR DIOXIDE		EXPOSED IN PPM FOR h. (TEST STANDARD: JEIDA-39)						— —			
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, °C FOR IMMERSION, s.			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.			— —			
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, °C FOR IMMERSION DURATION, s.			A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.			— —			
REMARKS CLIMP STRENGTH: 23.5 Nmin. (AWG 26)				DRAWN 21. Sakamoto		DESIGNED 21. Sakamoto		CHECKED M. Matsunaga		APPROVED Y. Yoshimura	
Unless otherwise specified, refer to MIL-STD-1344.				95.2.20		95.2.20		95.2.22		95.2.22	
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET				PART NO. HIF3-2226SCFA			
CODE NO. (OLD) CL		DRAWING NO. ELC4-016843			CODE NO. CL 562-0245-5			1/1			