

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△				..	△				..
△				..	△				..
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	— t TO — t			STORAGE TEMPERATURE RANGE	— t TO — t			
	VOLTAGE	AC 250V			OPERATING HUMIDITY RANGE	— % TO — %			
	CURRENT	3A			APPLICABLE CABLE	AWG 22 TO 26			
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).			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 2.4 N MAX. EXTRACTION FORCE 0.4 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 <sup>2</sup> AT h FOR DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF μs. ② CONTACT RESISTANCE: mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			—	—
SHOCK		m/s <sup>2</sup> DURATION OF PULSE AT TIMES FOR DIRECTION. ms						—	—
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT t, %, h.			① CONTACT RESISTANCE: mΩ MAX. ② INSULATION RESISTANCE: MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			—	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE — — — t TIME — — — min UNDER CYCLES.						—	—
DAMP HEAT, CYCLIC		EXPOSED AT TO t, TO %, 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 t, 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, t FOR IMMERSION, s.			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.			—	—
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, t FOR IMMERSION DURATION, s.			A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMersed.			—	—
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
CLIMP STRENGTH: 23.5 N/min. (AWG 26)				2/ Sakamoto	2/ Sakamoto	2/ Matsura	2/ 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. HIF3-2226SCFC		
CODE NO. (OLD)		DRAWING NO.		CODE NO.		1/1			
CL		ELC4-017873		CL 613-0002-1					

TO  
PCK