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In case that the application demands a high level of reliability, such as automotive, please contact a company representative for further information.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
<b>APPLICABLE STANDARD</b>									
<b>RATING</b>	OPERATING TEMPERATURE RANGE	— C TO — C			STORAGE TEMPERATURE RANGE	— C TO — C			
	VOLTAGE	AC 250V			OPERATING HUMIDITY RANGE	— % TO — %			
	CURRENT	3A			APPLICABLE CABLE	AWG. 22 TO 26			
<b>SPECIFICATIONS</b>									
JACKET DIAMETER 1.0 TO 1.8 mm									
<b>ITEM</b>	<b>TEST METHOD</b>				<b>REQUIREMENTS</b>				<b>QT</b>   <b>AT</b>
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				○   ○
MARKING	CONFIRMED VISUALLY.								—   —
<b>ELECTRICAL CHARACTERISTICS</b>									
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.				—   —
<b>MECHANICAL CHARACTERISTICS</b>									
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 <sup>2</sup> AT h FOR DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF ② CONTACT RESISTANCE: mΩ MAX.				—   —
SHOCK	m/s <sup>2</sup> DURATION OF PULSE ms AT TIMES FOR DIRECTION.				① NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				—   —
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
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 TO 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.				—   —
SOLDRABILITY	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					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
CLIMP STRENGTH: 23.5 Nmin. (AWG26)					21. Sakamoto	21. Sakamoto	M. Matsumura	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									
<b>HRS</b> HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO.	
								HIF3-2226SCFA	
CODE NO. (OLD)			DRAWING NO.		CODE NO.			1/1	
CL			ELC4-016843		CL 562-0245-5				

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