


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
	VOLTAGE	2 5 0 V AC	APPLICABLE CONTACT
	CURRENT	24AWG 3A	APPLICABLE CONNECTOR
		26AWG 2A	APPLICABLE CABLE
	28AWG 1A		

SPECIFICATIONS	
ITEM	TEST METHOD
CONSTRUCTION	
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.
MARKING	CONFIRMED VISUALLY.
ELECTRICAL CHARACTERISTICS	
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD	20 mV MAX, mA(DC OR 1000 Hz).
INSULATION RESISTANCE	V DC.
VOLTAGE PROOF	V AC FOR 1 min.
MECHANICAL CHARACTERISTICS	
CONTACT INSERTION AND EXTRACTION FORCES	□0.5±0.002 BY STEEL GAUGE.
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.
VIBRATION	FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.
SHOCK	m/s ² DURATION OF PULSE ms AT TIMES FOR DIRECTIONS.
ENVIRONMENTAL CHARACTERISTICS	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→15~30→+85→15~30 °C TIME 30→10~15→30→10~15 min UNDER 5CYCLES.
DAMP HEAT (STEADY STATE)	EXPOSED AT °C, %, h.
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, °C, FOR. IMMERSION, DURATION, s.
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, °C FOR IN IMMERSION, DURATION, s.
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.	
DRAWN DESIGNED CHECKED APPROVED RELEASED	
Unless otherwise specified, refer to MIL-STD-1344.	
Note QT:Qualification Test AT:Assurance Test O:Applicable Test	
 HIROSE ELECTRIC CO., LTD.	
SPECIFICATION SHEET	
PART NO. DF3-2428SC	
CODE NO.(OLD) CL	DRAWING NO. ELC4-018922-01
CODE NO. CL543-0002-5	
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