

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD

OPERATING TEMPERATURE RANGE	-30°C TO +85°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C
VOLTAGE	250 V DC	APPLICABLE CONTACT	
CURRENT	3 A	APPLICABLE CONNECTOR	
		APPLICABLE CABLE	UL1061 24 AWG TO 28AWG

SPECIFICATIONS

REQUIREMENTS

ITEM	TEST METHOD	REQUIREMENTS	Q/T	A/T
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		○	○
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	100 mA(DC OR 1000 Hz).	30 mΩ MAX.	○	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA(DC OR 1000 Hz).	mΩ MAX.	—	—
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.	○	—
VOLTAGE PROOF	650 V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	○	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE EXTRACTION FORCE	N MAX. N MIN.	— —
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE EXTRACTION FORCE	N MAX. N MIN.	— —
MECHANICAL OPERATION	TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	mΩ MAX.	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF PARTS. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	○
SHOCK	m/s ² DURATION OF PULSE AT TIMES FOR DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF PARTS. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—

ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2°C, 90~95% RH.	96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5 → 35 → 85 → 5 → 35°C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, IMMERSION, DURATION.	t FOR S.	NO DEFORMATION OR CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, FOR IMMERSION DURATION.	t	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMERSD.	—

REMARKS				
NOTE1 INCLUDE THE TEMPERATURE RISING BY CURRENT.				
Unless otherwise specified, refer to MIL-STD-1344.				
Note QT: Qualification Test AT: Assurance Test O: Applicable Test				
DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
<i>T. Miyagaki</i>	<i>T. Miyagaki</i>	<i>J. Owa</i>	<i>M. Yamamoto</i>	
95.4.17	95.4.17	95.4.18	95.4.18	

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. DH4- X DP-2C
CODE NO. (OLD) CL	DRAWING NO. ELC1-160366	CODE NO. CL544-0028-4
		1/1

TO

