APPLICABLE STANDARD	QT X X X X X X X X	- AT × ×
RATING	QT X X X X X X X X X	X
RATING	% ⁽²⁾ QT x x x x x x x x x x	X
CURRENT	X X X X X X X X X X X X X X X X X X X	X
ITEM TEST METHOD REQUIREMENTS CONSTRUCTION GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. MARKING CONFIRMED VISUALLY. ELECTRICAL CHARACTERISTICS CONTACT RESISTANCE 100 mA (DC OR 1000 Hz). 50 mΩ MAX. CONTACT RESISTANCE 100 mAX, 1 mA(DC OR 1000Hz) 60 mΩ MAX. MILLIVOLT LEVEL METHOD INSULATION 250 V DC. 100 MΩ MIN. RESISTANCE VOLTAGE PROOF 300 V AC FOR 1 min. NO FLASHOVER OR BREAKDOWN. MECHANICAL CHARACTERISTICS INSERTION AND WITHDRAWAL FORCES MEASURED BY APPLICABLE CONNECTOR INSERTION FORCE : 16 N MAX WITHDRAWAL FORCE : 2 N MIN MECHANICAL OPERATION OPERATION FREQUENCY 10 TO 55 Hz, AMPLITUDE : 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	X	X
CONSTRUCTION GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. MARKING CONFIRMED VISUALLY. ELECTRICAL CHARACTERISTICS CONTACT RESISTANCE 100 mA (DC OR 1000 Hz). 50 mΩ MAX. CONTACT RESISTANCE MILLIVOLT LEVEL METHOD INSULATION 250 V DC. 100 MΩ MIN. MECHANICAL CHARACTERISTICS INSERTION AND MEASURED BY APPLICABLE CONNECTOR INSERTION FORCE: 16 N MAX WITHDRAWAL FORCES MECHANICAL OPERATION MECHANICAL OPERATION 500 TIMES INSERTIONS AND EXTRACTIONS. OF PARTS. VIBRATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	X	X
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MILLIVOLT LEVEL METHOD INSULATION RESISTANCE VOLTAGE PROOF 300 V AC FOR 1 min. MECHANICAL CHARACTERISTICS INSERTION AND WITHDRAWAL FORCES MEASURED BY APPLICABLE CONNECTOR WITHDRAWAL FORCE: 16 N MAX WITHDRAWAL FORCE: 2 N MIN MECHANICAL OPERATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK MEASURED BY APPLICABLE CONNECTOR INSERTION FORCE: 16 N MAX WITHDRAWAL FORCE: 2 N MIN 1 CONTACT RESISTANCE: 60 mΩ MAX 2 NO DAMAGE, CRACK AND LOOSENES OF PARTS. NO ELECTRICAL DISCONTINUITY OF 1 μs. 2 NO DAMAGE, CRACK AND LOOSENES OF PARTS.	× × × × SSS × SSS	_
RESISTANCE VOLTAGE PROOF 300 V AC FOR 1 min. MECHANICAL CHARACTERISTICS INSERTION AND WITHDRAWAL FORCES MECHANICAL OPERATION VIBRATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. OPERATION NO FLASHOVER OR BREAKDOWN. NO FLASHOVER OR BREAKDOWN. INSERTION FORCE: 16 N MAX WITHDRAWAL FORCE: 2 N MIN 1 CONTACT RESISTANCE: 60 mΩ MAX 2 NO DAMAGE, CRACK AND LOOSENES OF PARTS. 1 NO ELECTRICAL DISCONTINUITY OF 1 μs. 2 NO DAMAGE, CRACK AND LOOSENES OF PARTS. OF PARTS.	× × × × × × × × × × × × × × × × × × ×	
VOLTAGE PROOF 300 V AC FOR 1 min. NO FLASHOVER OR BREAKDOWN. MECHANICAL CHARACTERISTICS INSERTION AND MEASURED BY APPLICABLE CONNECTOR INSERTION FORCE: 16 N MAX WITHDRAWAL FORCE: 2 N MIN MECHANICAL OPERATION 500 TIMES INSERTIONS AND EXTRACTIONS. ① CONTACT RESISTANCE: 60 mΩ MAX VIBRATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. ① NO ELECTRICAL DISCONTINUITY OF 1 μs. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. ② NO DAMAGE, CRACK AND LOOSENES OF PARTS.	× X. ×	- - -
MECHANICAL CHARACTERISTICS INSERTION AND MEASURED BY APPLICABLE CONNECTOR INSERTION FORCE: 16 N MAX WITHDRAWAL FORCE: 2 N MIN MECHANICAL OPERATION 500 TIMES INSERTIONS AND EXTRACTIONS. ① CONTACT RESISTANCE: 60 mΩ MAX ② NO DAMAGE, CRACK AND LOOSENES OF PARTS. OF PARTS. VIBRATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. ① NO ELECTRICAL DISCONTINUITY OF 1 μs. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. ② NO DAMAGE, CRACK AND LOOSENES OF PARTS.	× X. ×	 - -
INSERTION AND WITHDRAWAL FORCES MECHANICAL OPERATION VIBRATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. MECHANICAL OPERATION MECHANICAL OPERATION INSERTION FORCE: 16 N MAX WITHDRAWAL FORCE: 2 N MIN (2) NO DAMAGE, CRACK AND LOOSENES OF PARTS. (3) NO ELECTRICAL DISCONTINUITY OF 1 μs. (2) NO DAMAGE, CRACK AND LOOSENES OF PARTS. (3) NO ELECTRICAL DISCONTINUITY OF 1 μs. (4) NO DAMAGE, CRACK AND LOOSENES OF PARTS. (4) NO DAMAGE, CRACK AND LOOSENES OF PARTS.	X. ×	- -
WITHDRAWAL FORCES MECHANICAL OPERATION OPERATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. WITHDRAWAL FORCE: 2 N MIN OCONTACT RESISTANCE: 60 mΩ MAX NO DAMAGE, CRACK AND LOOSENES OF PARTS. ON DELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK AND LOOSENES OF PARTS. NO DAMAGE, CRACK AND LOOSENES OF PARTS. OF PARTS.	X. ×	-
OPERATION 2 NO DAMAGE, CRACK AND LOOSENES OF PARTS. VIBRATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	SS	<u> </u>
VIBRATION FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. 1 μs. 2 NO DAMAGE, CRACK AND LOOSENES OF PARTS.	×	
SHOCK 490 m/s ² , DURATION OF PULSE 11 ms OF PARTS. AT 3 TIMES FOR 3 DIRECTIONS.	,	-
ENVIRONMENTAL CHARACTERISTICS	×	-
	I	
DAMP HEAT EXPOSED AT 40 ± 2 °C, 90 \sim 95 %, 96 h. ① CONTACT RESISTANCE: 60 m Ω MAX	1	_
(STEADY STATE) ② INSULATION RESISTANCE: 100 MΩ MII RAPID CHANGE OF TEMPERATURE-55→+15~+35→+85→+15~+35°C ③ NO DAMAGE CRACK AND LOOSENES		
RAPID CHANGE OF TEMPERATURE-55 \rightarrow +15 \sim +35 \rightarrow +85 \rightarrow +15 \sim +35 $^{\circ}$ C 3 NO DAMAGE, CRACK AND LOOSENES TEMPERATURE TIME 30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3 min OF PARTS. UNDER 5 CYCLES.	SS ×	_
DRY HEAT EXPOSED AT 85 °C, 96 h. ① CONTACT RESISTANCE: 60 mΩ MAX ② NO DAMAGE, CRACK AND LOOSENES OF PART	1	_
CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR \bigcirc CONTACT RESISTANCE: 60 m Ω MAX 48 h. \bigcirc NO HEAVY CORROSION.	χ. ×	_
SULPHER DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA-39)	×	-
RESISTANCE TO 1) SOLDER BATH:SOLDER TEMPERATURE, NO DEFORMATION OF CASE OF EXCESSIVE	√E ×	<u> </u>
SOLDERING HEAT 260±5°C FOR IMMERSION, DURATION, 10±1s. 2) SOLDERING IRONS : 360°C FOR 5 s MAX.	×	+-
SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE 240±5°C FOR IMMERSION DURATION, 3 s. A NEW UNIFORM COATING OF SOLDER SHALL OVER A MINIMUM OF 95 % OF THE	×	-
SURFACE BEING IMMERSED.		
COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED	D.	ATE
COLUMN C		10.00
REMARK (1) TEMPERATURE RISE INCLUDED WHEN ENERGIZED. (2) THIS STORAGE INDICATES A LONG-TERM STORAGE STATE CHECKED HS, 0ZAWA		10. 30
FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. DESIGNED SY, KAMIGA		10. 30
Unless otherwise specified, refer to JIS C 5402 DRAWN HK. SUNADORI		10. 30
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-1514		
HIROSE ELECTRIC CO., LTD. CODE NO. CL575-0101-1-71	\wedge	1/1