APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−35°C TO +85°C (NOTE1)	STORAGE TEMPERATURE RANGE	−10°C TO + 60°C (NOTE3)
	OPERATING MOISTURE RANGE	20% TO 80% (NOTE2)	STORAGE TEMPERATURE RANGE	40% TO 70% (NOTE3)
	CURRENT	1 A	VOLTAGE	150 V AC

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	X	—
CONTACT RESISTANCE MIILLIVOLT LEVEL METHOD	20 mV max, 1 mA (DC OR 1000 Hz).	30 mΩ MAX.	X	
INSULATION RESISTANCE	100 V DC.	500 MΩ MIN.	X	—
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–
SHOCK	490 m/s^2 DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→ 5 TO 35→ +85→5 TO 35 °C TIME 30→ 10TO15→ 30→ 10TO 15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30mΩ MAX. ② INSULATION RESISTANCE: 500MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	–

REMARKS
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT.
NOTE 2:NON-CONDENSING
NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD.
AFTER PCB BOARD , OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.

Unless otherwise specifid , refer to JIS C 5402.

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠0					

APPROVED	TY.OMA	05.06.16
CHECKED	HK.UMEHARA	05.06.15
DESIGNED	TS.KUMAZAWA	05.06.15
DRAWN	AK.MIURA	05.06.15

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-160255-08

HRS	SPECIFICATION SHEET	PART NO.	DF14A-30P-1.25H(26)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL538-0045-2-26 ⚠0	1/2

FORM HD0011-2-1

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
RESISTANCE TO SOLDERING HEAT	(1) REFLOW SOLDERING 《REFLOW AREA》 MAX 250℃ WITHIN 10 sec. MIN 230℃ WITHIN 10 sec 《PREHEATING AREA》 150℃ TO 160℃ 60 sec TO 120 sec. PUT THROUGH IN REFLOW FUMACE TWICE. LEAVE IN AMBIENT TEMPERATURE AND HUMIDITY FOR 1 HOUR. CONNECTOR TEMPERATURE TO BE AMBIENT FOR SECOND REFLOW. (2) MANUAL SOLDERING SOLDERING IRON TEMPERATURE 290±10℃, FOR 3±1 sec. NO STRENGTH ON CONTACT,	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	X	–
SOLDERABILITY	SOLDERING TEMPERATURE : 235±3°C DURATION OF IMMERSION : SOLDERING, FOR 3sec.	A NEW UNIFORM COATING OF SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	X	–