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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO +85 °C	STORAGE TEMPERATURE RANGE	-25 °C TO +85 °C
	————	————	————	————
	————	————	————	————

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
MECHANICAL CHARACTERISTICS				
VIBRATION	FREQUENCY: 10 → 55 → 10 (Hz) (1CYC,5min), SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—
SHOCK	490 m/s^2 DURATIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→ R/T(1) → +85 → R/T ℃ TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES.	NO DAMAGE.CRACK AND LOOSENESS OF PARTS.	X	—
DRY HEAT	EXPOSED AT + 85 ℃ , 96 h.	NO DAMAGE,CRACK AND LOOSENESS OF PARTS.	X	—
COLD	EXPOSED AT - 55 ℃ , 96 h.	NO DAMAGE,CRACK AND LOOSENESS OF PARTS.	X	—
SEALING(2)	EXPOSED AT A DEPTH OF 2 m FOR 14 DAYS.	NO WATER PENETRATION INSIDE CONNECTOR.	X	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
A					

REMARK

NOTES(1)R/T : ROOM TEMPERATURE

(2)SEALING AND AIRTIGHTNESS SHALL BE TESTED UNDER MATED CONDITION WITH AN APPLICABLE CONNECTOR.

Unless otherwise specified, refer to IEC 60512(JIS C5402).

APPROVED	HY.KOBAYASHI	18.02.26
CHECKED	HY.KOBAYASHI	18.02.26
DESIGNED	DS.MATSUNE	18.02.24
DRAWN	AI.NISHIYAMA	18.02.16

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

DRAWING NO. ELC-112273-31-00

HRS	SPECIFICATION SHEET	PART NO.	HR30-6P-C(31)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL130-3000-7-31	A 1/1

FORM HD0011-2-1