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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	-10 °C TO +60 °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 TO 55 Hz (1CYC,5min),SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3 DIRECTIONS.	NO SEPARATION FROM APPLICABLE CONNECTOR.	X	—
SHOCK	IN OPPOSITE DIRECTIONS OF EACH 3 DEMENSION ALAXIS FOR 3 TIMES AT 490 m/s^2 DURATIONS OF PULSE 11 ms.	NO SEPARATION FROM APPLICABLE CONNECTOR.	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 OF PARTS.	X	—
DRY HEAT	EXPOSED AT + 85 ℃ , 96 h.	NO DAMAGE,CRACK OF PARTS.	X	—
COLD	EXPOSED AT - 55 ℃ , 96 h.	NO DAMAGE,CRACK OF PARTS.	X	—
SEALING (2)	EXPOSED AT A DEPTH OF 1 m FOR 0.5 h.	NO WATER PENETRATION INSIDE CONNECTOR.	X	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
A					

REMARK

NOTES (1) R/T : ROOM TEMPERATURE

(2)SEALING SHALL BE TESTED BY APPLICABLE CONNECTER.

Unless otherwise specified, refer to IEC 60512.(JIS C 5402)

APPROVED	HY.KOBAYASHI	18.03.16
CHECKED	HY.KOBAYASHI	18.03.16
DESIGNED	DS.MATSUNE	18.03.16
DRAWN	DS.MATSUNE	18.03.16

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

DRAWING NO. ELC-112274-31-00

HRS	SPECIFICATION SHEET	PART NO.	HR30-6R-C(31)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL130-3001-0-31	A 1/1

FORM HD0011-2-1