

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 °C 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 °C , 96 h.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
COLD		EXPOSED AT - 55 °C , 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
0					
REMARK			APPROVED	HY. KOBAYASHI	18. 02. 26
NOTES(1)R/T : ROOM TEMPERATURE			CHECKED	HY. KOBAYASHI	18. 02. 26
(2)SEALING AND AIRTIGHTNESS SHALL BE TESTED UNDER MATED CONDITION WITH AN APPLICABLE CONNECTOR.			DESIGNED	DS. MATSUNE	18. 02. 24
Unless otherwise specified, refer to IEC 60512(JIS C5402).			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	 1/1