

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/s² 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		
		SPECIFICATION SHEET	PART NO.	HR30-6P-C (31)			
		HIROSE ELECTRIC CO., LTD.	CODE NO.	CL130-3000-7-31		1/1	