

APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-25℃ TO +85℃	STORAGE TEMPERATURE RANGE	-10℃ TO +60℃			
	_____	_____	_____	_____			
	_____	_____	APPLICABLE CABLE	φ 6.2 TO φ 7			
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 SEPARTION FROM APPLICABLE CONNECTOR.		X —	
SHOCK		IN OPPOSITE DIRECTIONS OF EACH 3 DIMENSIONAL AXIS FOR 3 TIMES AT 490 m/s ² DURATION OF PULSE 11 ms.		NO SEPARTION FROM APPLICABLE CONNECTOR.		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 AND CRACK OF PARTS.		X —	
DRY HEAT		EXPOSED AT +85 °C , 96 h.		NO DAMAGE AND CRACK OF PARTS.		X —	
COLD		EXPOSED AT -55 °C , 96 h.		NO DAMAGE AND 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	
△							
REMARK				APPROVED	HY. KOBAYASHI	18.03.16	
NOTES(1) R/T : ROOM TEMPERATURE				CHECKED	HY. KOBAYASHI	18.03.16	
(2) SEALING SHALL BE TESTED BY APPLICABLE CONNECTOR.				DESIGNED	DS. MATSUNE	18.03.16	
Unless otherwise specified, refer to IEC 60512.(JIS C 5402)				DRAWN	DS. MATSUNE	18.03.16	
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-112698-31-00	
	SPECIFICATION SHEET			PART NO.	HR30-7P-C (31)		
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL130-3004-8-31	△ 1/1	