




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 (2) SEALING SHALL BE TESTED BY APPLICABLE CONNECTOR.			CHECKED	HY. KOBAYASHI	18.03.16	
			DESIGNED	DS. MATSUNE	18.03.16	
			DRAWN	DS. MATSUNE	18.03.16	
Unless otherwise specified, refer to IEC 60512.(JIS C 5402)						
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	