




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