




APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-25°C TO +85°C	STORAGE TEMPERATURE RANGE	-10°C TO +60°C	
			APPLICABLE CABLE	φ6.2 TO φ7	
<b>SPECIFICATIONS</b>					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
<b>MECHANICAL CHARACTERISTICS</b>					
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 <sup>2</sup> DURACTION OF PULSE 11 ms.	NO SEPARTION FROM APPLICABLE CONNECTOR.	X	—	
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → R/T <sup>(1)</sup> → +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 <sup>(2)</sup>	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