


APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE		-25 °C TO +85 °C		STORAGE TEMPERATURE RANGE		-10 °C TO +60 °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 TO 55 Hz (1CYC, 5min), SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3 DIRECTIONS.			NO SEPARATION FROM APPLICABLE CONNECTOR.			X	—
SHOCK		IN OPPOSITE DIRECTIONS OF EACH 3 DEMENSION ALAXIS FOR 3 TIMES AT 490 m/s <sup>2</sup> DURATIONS OF PULSE 11 ms.			NO SEPARATION FROM APPLICABLE CONNECTOR.			X	—
ENVIRONMENTAL CHARACTERISTICS									
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, CRACK OF PARTS.			X	—
DRY HEAT		EXPOSED AT + 85 °C , 96 h.			NO DAMAGE, CRACK OF PARTS.			X	—
COLD		EXPOSED AT - 55 °C , 96 h.			NO DAMAGE, 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	
0									
REMARK NOTES (1) R/T : ROOM TEMPERATURE (2) SEALING SHALL BE TESTED BY APPLICABLE CONNECTOR.					APPROVED	HY. KOBAYASHI	18.03.16		
					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-112274-31-00		
		SPECIFICATION SHEET			PART NO.		HR30-6R-C (31)		
		HIROSE ELECTRIC CO., LTD.			CODE NO.		CL130-3001-0-31		