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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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	
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 DURACTION 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-112684-31-00
	SPECIFICATION SHEET		PART NO.	HR30-8P-C (31)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL130-3003-5-31	 1/1