


Jun.1.2020 Copyright 2020 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
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	
	_____	_____	_____	_____	
	_____	_____	_____	_____	
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 ² DURATION OF PULSE 11 ms.	NO SEPARATION 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, 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 ⁽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	
0					
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 CONNECTER .			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-112571-31-00		
HRS	SPECIFICATION SHEET	PART NO.	HR30-7R-C (31)		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL130-3002-2-31		1/1