

Jul.1.2024 Copyright 2024 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
	VOLTAGE	_____	_____	_____
	CURRENT	1 A	APPLICABLE CABLE	AWG#30 (JACKET DIAMETER ϕ 0.71MAX.)
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
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	CONTACT SHALL BE MEASURED AT DC 1 A.	30 m Ω MAX.	X	-
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND WITHDRAWAL FORCES	ϕ 0.291 $\begin{matrix} +0.003 \\ 0 \end{matrix}$ BY STEEL GAUGE.	INSERTION AND WITHDRAWAL FORCES : 0.1 N MIN.	X	-
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.	CONTACT RESISTANCE: 50 m Ω MAX.	X	-
TENSILE STRENGTH (CRIMPED CONNECTION)	CRIMPED ONLY CONDUCTOR OF THE APPLICABLE WIRE AND PULLING THE APPLICABLE WIRE.	AWG#30 (7 / ϕ 0.1) : 10 N MIN.	X	-
ENVIRONMENTAL CHARACTERISTICS				
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION RUIN THE FUNCTION.	X	-
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				
REMARK		APPROVED	EJ. KUNII	15.10.05
		CHECKED	EJ. KUNII	15.10.05
		DESIGNED	WR. AJIRO	15.10.05
		DRAWN	WR. AJIRO	15.10.05
Unless otherwise specified, refer to IEC 60512 (JIS C 5402).				
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC-110401-00-00	
HRS	SPECIFICATION SHEET	PART NO.	HR25-SC-111	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL125-0421-3-00	1/1