

Nov.1.2021 Copyright 2021 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.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	— °C TO — °C			STORAGE TEMPERATURE RANGE	— °C TO — °C			
	VOLTAGE	AC — V , DC — V							
	CURRENT	2 A (WHEN USING APPLICABLE WIRE AWG#18)			APPLICABLE CABLE	AWG#18 TO 22 (INSULATION DIA φ1.8 MAX)			
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			○	○
MARKING		CONFIRMED VISUALLY.						○	○
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED AT DC 1 A			15 mΩ MAX.			○	—
		CONTACT SHALL BE MEASURED AT DC — A			— mΩ MAX.			—	—
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND WITHDRAWAL FORCES		φ0.61 ⁰ _{-0.003} BY STEEL GAUGE.			INSERTION AND WITHDRAWAL FORCES : 0.15 N MAX.			○	—
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.			CONTACT RESISTANCE: 20 mΩ MAX. — RESISTANCE: — mΩ MAX.			○	—
CRIMP TENSILE STRENGTH (CRIMPED CONNECTION)		CRIMPED ONLY CONDUCTOR OF THE APPLICABLE WIRE AND PULLING THE APPLICABLE WIRE.			<ul style="list-style-type: none"> • AWG#18: 60 N MIN. • AWG#20: 60 N MIN. • AWG#22: 54 N MIN. 			○	—
ENVIRONMENTAL CHARACTERISTICS									
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			○	—
REMARKS									
				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				<i>D. Matsume</i>	<i>D. Matsume</i>	<i>M. Sato</i>	<i>M. Yoshida</i>		
				00.9.25	00.9.25	00.9.27	00.9.28		
Unless otherwise specified, refer to JIS C 5042.									
Note QT:Qualification Test AT:Assurance Test O:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. RP13A-SC-212		
CODE NO. (OLD)		DRAWING NO.			CODE NO.			1/1	
CL		ELC4-009286			CL 113-0150-8				