

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

APPLICABLE STANDARD				OPERATING HUMIDITY RANGE	40 % TO 80 %
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C <sup>(1)</sup>	OPERATING HUMIDITY RANGE	40 % TO 80 %	
	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C <sup>(2)</sup>	STORAGE HUMIDITY RANGE	40 % TO 70 % <sup>(3)</sup>	
	VOLTAGE	250 V AC	APPLICABLE CABLE (AWG SIZE)	AWG26 TO 30	
CURRENT	3 A	APPLICABLE CABLE (OUTER DIAMETER)	φ 0.7 TO 1.4mm		
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	x	x	
MARKING	CONFIRMED VISUALLY.		x	x	
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC or 1000 Hz).	20 mΩ MAX.	x	-	
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	□ 0.635±0.002mm BY STEEL GAUGE.	INSERTION FORCE: 2.4 N MAX. EXTRACTION FORCE: 0.4 N MIN.	x	-	
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 20 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	x	-	
ENVIRONMENTAL CHARACTERISTICS					
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 20 mΩ MAX. ② NO HEAVY CORROSION.	x	-	
OTHERS					
CRIMP STRENGTH		AWG30 : 9.8 N MIN.	x	-	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
△					
<b>REMARK</b> <sup>(1)</sup> TEMPERATURE RISE INCLUDED WHEN ENERGIZED. <sup>(2)</sup> THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. Unless otherwise specified, refer to MIL-STD-202. Note QT:Qualification Test AT:Assurance Test X:Applicable Test					
APPROVED		HS. OKAWA	12.07.17		
CHECKED		HT. YAMAGUCHI	12.07.17		
DESIGNED		KJ. NISHIWAKI	12.07.17		
DRAWN		KJ. NISHIWAKI	12.07.17		
DRAWING NO.		ELC4-018791-00			
PART NO.		A1-2630SGFC			
CODE NO.		CL619-0212-2-00			
SPECIFICATION SHEET		△			
HIROSE ELECTRIC CO., LTD.		1/1			