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 In case that the application demands a high level of reliability, such as automotive,  
 please contact a company representative for further information.

APPLICABLE STANDARD					
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>(2)</sup>	
	VOLTAGE	250 V AC	APPLICABLE CABLE (AWG SIZE)	AWG24 TO 28	
	CURRENT	3 A	APPLICABLE CABLE (OUTER DIAMETER)	φ 0.7 TO 1.5mm	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×	
MARKING	CONFIRMED VISUALLY.		×	×	
<b>ELECTRIC CHARACTERISTICS</b>					
CONTACT RESISTANCE	100 mA (DC or 1000 Hz).	15 mΩ MAX.	×	-	
<b>MECHANICAL CHARACTERISTICS</b>					
CONTACT INSERTION AND EXTRACTION FORCES	□0.635 ± 0.002mm BY STEEL GAUGE.	INSERTION FORCE: 3.43 N MAX. EXTRACTION FORCE: 0.56 N MIN.	×	-	
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 15 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	-	
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 15 mΩ MAX. ② NO HEAVY CORROSION.	×	-	
<b>OTHERS</b>					
CRIMP STRENGTH		AWG28 : 15.6 N MIN.	×	-	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
REMARK <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.			APPROVED	HS. OKAWA	06.04.17
			CHECKED	HS. OZAWA	06.04.17
			DESIGNED	KY. NAKAMURA	06.04.17
			DRAWN	AK. SUZUKAWA	06.04.14
Unless otherwise specified, refer to MIL-STD-202.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-016841-00		
<b>HRS</b>	SPECIFICATION SHEET	PART NO.	HIF3-2428SCFA		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL562-0247-0-00		1/1