

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C ⁽¹⁾	OPERATING HUMIDITY RANGE	40 % TO 80 %	
	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C ⁽²⁾	STORAGE HUMIDITY RANGE	40 % TO 70 % ⁽²⁾	
	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
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.			×	×
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC or 1000 Hz).		15 mΩ MAX.	×	-
MECHANICAL CHARACTERISTICS					
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.	×	-
ENVIRONMENTAL CHARACTERISTICS					
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		① CONTACT RESISTANCE: 15 mΩ MAX. ② NO HEAVY CORROSION.	×	-
OTHERS					
CRIMP STRENGTH			AWG28 : 15.6 N MIN.	×	-
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
REMARK ⁽¹⁾ TEMPERATURE RISE INCLUDED WHEN ENERGIZED. ⁽²⁾ 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	
	SPECIFICATION SHEET		PART NO.	HIF3-2428SCFA	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL562-0247-0-00	1/1