

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
Unless otherwise specified, refer to MIL-STD-202.			DRAWN	AK. SUZUKAWA	06.04.14
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