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APPLICABLE STANDARD										
RATING	VOLTAGE	CONTACT NO. 1 ~ 20	AC 300 V DC V		APPLICABLE CABLES					
	CURRENT	CONTACT NO. 1 ~ 20	3 A		OPERATING TEMPERATURE RANGE		- 55 °C ~ + 85 °C			
	POWER									
	SPECIALTY									
SPECIFICATIONS										
No.	ITEM	CONDITIONS			TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC				—	—	—	○	○
2	MARKING	Applicable Std. and DC 3-16323				—	—	—	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500V.			MIL-STD -1344	1000	—	MΩ	○	
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 0.1 A.			MIL-STD -1344	—	15	mΩ	○	
	CONTACT	The voltage drop must be under the Std. value at DC A.				—		mΩ		
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC 1000 1000V for one minute.			MIL-STD -1344	—	—	—	○	
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC 20 mV less and 1 mA.			MIL-STD -1344	—		mΩ		
7	DRY CIRCUIT	Must have conductivity in alternate current at DC μV.				—	—	—		
8	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge.		gauge size		—		N		
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		MATING UNMATING		—		N		
9	HUMIDITY	Insulation resistance must be over the Std. value at 40±2°C, 90~95%, 96 hours.		at high humidity after high humidity	MIL-STD -1344	1000	—	MΩ	○	—
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10 ~ 55 Hz, Total amplitude 1.52 mm, — m/s ² at 2 hours for 3 directions.			MIL-STD -1344	—	—	—	○	—
11	SHOCK	Must have no damage, crack and looseness of parts 490 m/s ² at 3 times for 3 directions.			MIL-STD -1344	—	—	—	○	—
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ +85 °C, 5 cycles, total 5 hours.			MIL-STD -1344	—	—	—	○	—
13	DURABILITY	Must be less than the Std. value after 500 times insertion and extraction at the condition described in above item No.4.			MIL-STD -1344	—	15	mΩ	○	—
	CONTACT					—		mΩ		—
14	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 % salt water spray for 48 hours.			MIL-STD -1344	—	—	—	○	—
15	H ₂ S-EXPOSURE	Must not have heavy corrosion after ppm for hours.				—	—	—		—
16	SO ₂ -EXPOSURE	Must not have heavy corrosion after ppm for hours.				—	—	—		—
REMARKS										
TO マレーシア		APPROVED	Z. Furukawa 92.5.1		HRS HIROSE ELECTRIC CO., LTD.		ISSUED BY			
		REVIEWED	. .							
		CHECKED	M. Nakamura 92.4.30							
		DESIGNED	H, KAWACHINO 92.3.31							
		DRAWN	H, KAWACHINO 92.3.31							
DRAWING No.		SLC4-16323 - SPECIFICATION SHEET			PART No.		HIF4-20P-3.18DSA			
					CODE No.		CL563-0004-5-			