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APPLICABLE STANDARD							
RATING	VOLTAGE	CONTACT No. / ~	AC 250 V DC V	APPLICABLE CABLES			
	CURRENT	CONTACT No. / ~	3 A	IMPEDANCE FREQUENCY RANGE		Ω (0 ~ Hz)	
	POWER			OPERATING TEMPERATURE RANGE		-35 °C ~ +85 °C (Notes 1)	
	SPECIALTY						

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC4 Applicable Std. and		-	-	-	○	○
2	MARKING	BC -80519-01		-	-	-	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC V.				MΩ		
4	CONTACT RESISTANCE UNIT CONTACT	The voltage drop must be under the Std. value at DC 0.1 A.	MIL-STD-1344	-	30	mΩ	○	
	CONTACT	The voltage drop must be under the Std. value at DC A.		-		mΩ		
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC DC V for one minute.		-	-	-		
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC 20mV less and mA.		-		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. gauge size value at applicable gauge.		-		N		
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.				N		
9	HUMIDITY	Insulation resistance must be over the Std. value at				MΩ		
		at high humidity				MΩ		
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range ~ Hz, Total amplitude mm, G at hours for directions.		-	-	-		
11	SHOCK	Must have no damage, crack and looseness of parts after cycles at G in directions.		-	-	-		
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for ~ °C cycles.		-	-	-		
13	DURABILITY UNIT CONTACT	Must be less than the Std. value after 30 insertion and extraction cycles at the condition described in above item No.4.	MIL-STD-1344	-	30	mΩ	○	-
	CONTACT			-		mΩ		-
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after % salt water spray for hours.		-	-	-		
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.		-	-	-		

Notes:1
 This temperature includes a rise by heat's generation of connector when electricity passes.

REMARKS	APPROVED	<i>M. Yamamoto</i>	93.8.7	ISSUED BY HRS HIROSE ELECTRIC CO., LTD.	
	REVIEWED				
	CHECKED	<i>J. Oma</i>	93.8.5		
	DESIGNED	<i>J. Shiraishi</i>	93.8.5		
	DRAWN	<i>J. Shiraishi</i>	93.8.5		
DRAWING No. SLC4-80519-01				PART No. DF1B-24PR	
SPECIFICATION SHEET				CODE No. CL541-0667-5	