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APPLICABLE STANDARD										
RATING	VOLTAGE	CONTACT No.	AC 250 V	APPLICABLE CABLES						
			DC V							
	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	The voltage drop must be under the Std. value at DC 0.1 A.	MIL-STD-1344	-	30	mΩ	○	
	UNIT 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	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	○	-
	UNIT CONTACT					mΩ		-
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after % salt water spray for hours.		-	-	-		-
15	H <sub>2</sub> S-EXPOSURE	Must not have heavy corrosion after ppm for hours.		-	-	-		-
16	SO <sub>2</sub> -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	M. Yamamoto	93.8.7	ISSUED BY
	REVIEWED			
	CHECKED	J. Oma	93.8.5	
	DESIGNED	J. Shiraishi	93.8.5	
	DRAWN	J. Shiraishi	93.8.5	
DRAWING No.				PART No.
SLC4-80519-01				DF1B-24 PR
SPECIFICATION SHEET				CODE No.
				CL541-0667-5



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