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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

Δ COUNT		REVISIONS		BY	CHKD	DATE	Δ COUNT		REVISIONS		BY	CHKD	DATE
Δ						.	Δ						.
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APPLICABLE STANDARD													
RATING	VOLTAGE	CONTACT No. / ~ *	AC 250 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	ADC Applicable std. and 3-160094-02			-	-	-	○	○	
2	MARKING				-	-	-	○	○	
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	-	30	mΩ	○	-	
	UNIT CONTACT				-	-	mΩ	-	-	
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC 650V for one minute.		MIL-STD-1344	-	-	-	○	-	
	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC20mV 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. value at applicable gauge.			-	-	gf	-	-	
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.			-	-	kgf	-	-	
9	HUMIDITY	Insulation resistance must be over the Std. value at - 40±2°C 90 ~ 95 %, 96 hours.			-	-	MΩ	-	-	
		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, amplitude 0.75mm, -G at 2 hours for 3 directions.		MIL-STD-1344	-	-	-	○	-	
11	SHOCK	Must have no damage, crack and looseness of parts after 3 cycles at 490m/s in 3 directions.		MIL-STD-1344	-	-	-	○	-	
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ +85°C, 5 cycles.		MIL-STD-1344	-	-	-	○	-	
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 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	H. Yamamoto	94.3.25	ISSUED BY	
	REVIEWED		.		
	CHECKED	J. Oma	94.3.25		
	DESIGNED	M. Gotoh	94.3.24		
	DRAWN	M. Gotoh	94.3.24		
DRAWING No.		SPECIFICATION SHEET		PART No.	
SLC4-160094-02				DF1B- * DES-2.5RC	
				CODE No.	
				0346 1	
				CL 541-0362-8-	

NOTE QT:Qualification Test AT:Assurance Test O:Applicable item FORM No.

TO

INC