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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					
Δ						Δ					
APPLICABLE STANDARD											
RATING	VOLTAGE	CONTACT No. / ~ *	AC 250 V			APPLICABLE CABLES					
	CURRENT	CONTACT No. / ~ *	DC V			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 dc 3-160092-02					-	-	-	○	○
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	The voltage drop must be under the std. value at DC A.					-	-	mΩ	-	-
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC dc 650V for one minute.				MIL-STD-1344	-	-	-	○	-
6	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. gauge size value at applicable gauge.					-	-	gf	-	-
	MATING AND UNMATING FORCES	Must be suitable for the std. value.					-	-	kof	-	-
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, 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 ² 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 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 x 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. J. J. 94.3.25		ISSUED BY						
		REVIEWED									
		CHECKED	J. Oma 94.3.25								
		DESIGNED	M. Jotok 94.3.24								
		DRAWN	M. Jotok 94.3.24								
DRAWING No.		SPECIFICATION SHEET				PART No.		DF1B-X-DS-2.5RC			
SLC4-160092-02						CODE No.		0600 4 CL541-0650-2-			
NOTE QT:Qualification Test AT:Assurance Test O:Applicable item FORM No.											

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