

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

TO

REVISIONS	BY	CHKD	DATE	REVISIONS	BY	CHKD	DATE
Δ				Δ			
Δ				Δ			

RATING	APPLICABLE STANDARD		APPLICABLE CABLES	
	VOLTAGE	CURRENT	IMPEDANCE FREQUENCY RANGE	OPERATING TEMPERATURE RANGE
	CONTRACT No. / ~ ~ *	AC 250 V / ~ ~ *	Ω (0 ~ H Z)	- 35 °C ~ + 85 °C (Notes: 1)
	3 A			

### SPECIFICATIONS

No.	ITEM	CONDITIONS		TEST STANDARD	MIN	MAX	UNITS	QT.	AT
		ADC	OSGUE SIZE						
1	DESIGN-MATERIAL-FINISH	Applicable std. and <del>eg</del> 3-160056-01						○	○
2	MARKING							○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 500V.		MIL-STD-1344	1000		mΩ	○	○
4	CONTRACT UNIT RESISTANCE	The voltage drop must be under the std. value at DC 0.1 A.		MIL-STD-1344		30	mΩ	○	○
		The voltage drop must be under the std. value at DC A.					mΩ	○	○
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand <del>eg</del> AC 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 AV.						○	○
8	CONTRACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the std. value at applicable gauge.					0 ↑	○	○
		Must be suitable for the std. value.					Ko↑	○	○
9	HUMIDITY	Insulation resistance must be over the std. value at 40±2°C 90~95% X. 96 hours.		MIL-STD-1344	1000		mΩ	○	○
		Must have no damage, crack and looseness of parts at Frequency range 10~55 Hz. amplitude 0.75mm.-G at 2hours for 3directions.						○	○
10	VIBRATION	Must have no damage, crack and looseness of parts after 3 cycles at 40m/gain 3 directions.		MIL-STD-1344				○	○
11	SHOCK	Must have no damage, crack and looseness of parts for -55~185°C 5 cycles.		MIL-STD-1344				○	○
12	TEMPERATURE CYCLING	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	○	○
13	DURABILITY UNIT CONTRACT	Must not have heavy corrosion after salt water spray for hours.						○	○
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after ppm for hours.						○	○
15	H2S-EXPOSURE	Must not have heavy corrosion after ppm for hours.						○	○
16	SO2-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>[Signature]</i>	94.3.25	ISSUED BY
	REVIEWED			
	CHECKED	<i>J. Omita</i>	94.3.25	
	DESIGNED	<i>M. Gotoh</i>	94.3.24	
DRAWING NO.	DRAWN		PART NO.	
SLC4-160056-01	<i>M. Gotoh</i>		DF1B-X-DEP-2.5RC	
SPECIFICATION SHEET			CODE No.	0350 9
			CL541-0377	5-

