

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

TO

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
△					△				

APPLICABLE STANDARD			
OPERATING TEMPERATURE RANGE	-35 °C TO 85 °C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60 °C
RATING VOLTAGE	250 V AC	APPLICABLE CONNECTORS	DF1B-*DS-2.5R
CURRENT	3 A		

SPECIFICATIONS				
ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	×	—
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASH OVER OR BREAKDOWN.	×	—
MECHANICAL CHARACTERISTICS				
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm, — ms^2 AT 2 h, FOR 3 DIRECTIONS.	① NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
SHOCK	490 ms^2 DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.		×	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → -5 TO 35 → 85 → -5 TO 35 °C TIME 30 → 5 MAX → 30 → 5 MAX min UNDER 5 CYCLES.	① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	① INSULATION RESISTANCE: 500 MΩ MIN ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS..	×	—
REMARKS				

NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT				
Unless otherwise specified, refer to MIL-STD-1344.				
Note QT: Qualification Test AT: Assurance Test X: Applicable Test				
DRAWN		DESIGNED	CHECKED	APPROVED
Mr. Hironobu		Mr. Hironobu	Mr. Hironobu	Mr. Hironobu
03.07.16		03.07.17	03.07.17	03.07.17
RELEASD				

CODE NO. (OLD)	DRAWING NO.	PART NO.	PART NO.
CL	ELC4—160043-01	CL541	DF1BA-*DEP-2.5RC

FORM No.231-1