

Laboratory CTR Electronics Test Laboratory, E-1, Chikalthana MIDC Area,
Aurangabad, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-5966

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Validity 28.05.2018 to 27.05.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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ELECTRONICS TESTING

I.	ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES			
1.	Plastic Film Capacitor for DC Application (Polyester, Polypropylene, Polycarbonate Polystyrene)	Visual Examination	IEC 60384-2 IEC 60384-16 Cl. No. 4.1	Qualitative
		Dimensions	IEC 60384-2 IEC 60384-16 Cl. No. 4.1	0.1 mm to 150 mm
		Voltage Proof/Dielectric (Between Terminals and Body)	IEC 60384-2 IEC 60384-16 Cl. No. 4.2.1	50 Vdc to 3000 Vdc
		Insulation Resistance	IEC 60384-2 IEC 60384-16 Cl. No. 4.2.4	1 MΩ to 9 x10 ⁹ MΩ Upto 500 V
		Capacitance	IEC 60384-2 IEC 60384-16 Cl. No. 4.2.2	100 pF to 20 μF 1.0 kHz to 10 kHz
		Dry Heat	IEC 60384-2 IEC 60384-16 Cl. No. 4.10.2	25 °C to 150 °C
		Endurance (Between Terminals)	IEC 60384-2 IEC 60384-16 Cl. No. 4.12	Ambient to 85 °C 50 V to 1 kV
		Damp Heat, Steady State	IEC 60384-2 IEC 60384-16 Cl. No. 4.11	40 °C, 95 % RH
	Damp Heat, Cyclic	IEC 60384-2 IEC 60384-16 Cl. No. 4.10.3 Cl. No. 4.10.6	25 °C to 75 °C 55 % R.H. to 95 % R.H	

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		Pull	IEC 60384-2 IEC 60384-16 Cl. No. 4.3	Upto 20 N
		Resistance to Solvents	IEC 60384-2 IEC 60384-16 Cl. No. 4.14	Qualitative
2.	Plastic Film Capacitor for AC Application (Polyester, Polypropylene)	Dimensions	IEC 60252-1 IEC 60252-2 Cl. No. 5.10	0.1 mm to 150 mm
		Voltage Proof	IEC 60252-1 IEC 60252-2 Cl. No. 5.7	100 Vac to 1000 Vac
		Insulation Resistance (Between Terminals and Body) (Between Terminals)	IEC 60252-1 IEC 60252-2 Cl. No. 4.2.4	1 MΩ to 9 x 10 ⁹ MΩ Upto 500 V Upto 630 V
		Capacitance	IEC 60252-1 IEC 60252-2 Cl. No. 5.9	1.0 μF to 100 μF at 0 to 50 Hz
		Endurance	IEC 60252-1 IEC 60252-2 Cl. No. 5.13	100 VAC to 900 VAC Ambient to 85 °C