

SESD 271

Vertical Coupling Plate (VCP) for ESD immunity tests



The Vertical Coupling Plate (VCP) is used in conjunction with ESD generators to simulate indirect discharges on metallic objects that are near a test object. The bleeder resistors contained in the ground wire of the VCP serve to prevent the applied charge from vanishing immediately after discharge of the ESD generator to the VCP, thereby increasing the effect of the ESD test.

Technical specifications

VCP

Dimensions: 50 x 50 cm
Material: aluminum, 1.5mm thickness

Ground wire

Color: Black
Length: 2 m
Connections: Cable connectors Ø 6.2 mm
Bleeder resistors: 2x 470 KΩ
Outer diameter: approx. 3.5mm
Voltage max: for ESD pulses according to IEC / EN 61000-4-2 up to 30 kV