

ESD Indirect Discharges Islands Compliant to ISO 10605 Annex F

ESDT-10605-CP-ANNEXF



GENERAL DESCRIPTION

The ISO 10605, in its Annex F describes an additional approach to ESD test for powered-up devices, in order to grant a better correlation between ESD test and the real world.

In order to do this, the Standard introduces a special fixture allowing to produce direct or indirect discharges on the EUT.

While direct discharges are applied directly to the EUT, indirect discharges are applied through “discharge islands” placed at fixed distances and by conductive metal strips.

Dimensions and form factor of the fixture is defined by the Standard for a reliable test repeatability.

STANDARD REFERENCES

The ESDT-10605-CP-ANNEXF follows these Standard indications:

- Standard: ISO 10605:2008 Annex F

MECHANICAL CHARACTERISTICS

- Total length: abt. 1900 mm
- Discharge Island distance: 500 mm
- Coupling Plane dimensions: 160x350 mm
- Coupling support material (coupling plane, strip, islands): Copper