



ASSOCIATION CONNECTING
ELECTRONICS INDUSTRIES®

IPC-T-50G

Terms and Definitions for Interconnecting and Packaging Electronic Circuits

Developed by the Terms and Definitions Committee (2-30) of IPC

Supersedes:

IPC-T-50F - June 1996

IPC-T-50E - July 1992

Users of this publication are encouraged to participate in the development of future revisions.

Contact:

IPC
2215 Sanders Road
Northbrook, Illinois
60062-6135
Tel 847 509.9700
Fax 847 509.9798

Terms and Definitions for Interconnecting and Packaging Electronic Circuits

Abrasion Resistance 54.1821

The ability of a material to withstand surface wear.

Abrasive Trimming 54.1318

Adjusting the value of a film component by notching it with a finely-adjusted stream of an abrasive material against the resistor surface.

Absorption Coefficients 40.1727

The degree to which various materials absorb heat or radiant energy when compared to each other.

Absorptivity, Infrared 40.0087

The ratio (or percentage) of the amount of energy absorbed by a substrate as compared with the total amount of incident energy.

Accelerated Aging 93.0001

A test in which the parameters such as voltage and temperature are increased above normal operating values to obtain observable or measurable deterioration in a relatively short period of time.

Accelerated Life Test 93.0119

See "Accelerated Aging."

Accelerated Test 93.0216

A test to check the life expectancy of an electronic component or electronic assembly in a short period of time by applying physically severe condition(s) to the unit under test.

Accelerator 53.0002

See "Catalyst."

Acceleration Factor (AF) 93.0260

The ratio of stress in reliability testing to the normal operating condition.

Acceptance Quality Level (AQL) 90.0003

The maximum number of defectives likely to exist within a population (lot) that can be considered to be contractually tolerable; normally associated with statistically derived sampling plans.

Acceptance Tests 92.0004

Those tests deemed necessary to determine the acceptability of a product and as agreed to by both purchaser and vendor.

Acceptance Inspection (Criteria) 92.0288

An inspection that determines conformance of a product to design specifications as the basis for acceptance.

Access Hole 60.1319

A series of holes in successive layers of a multilayer board, each set having their centers on the same axis. These holes provide access to the surface of the land on one of the layers of the board. (See Figure A-1.)

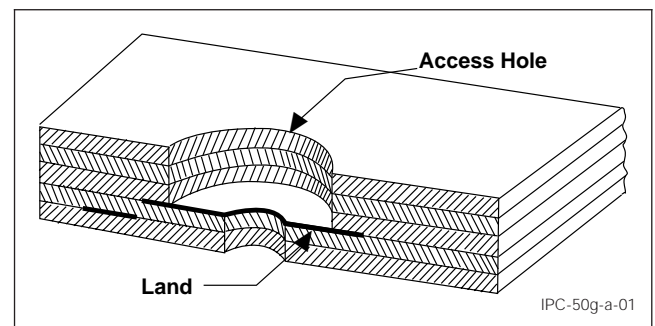


Figure A-1 Access Hole

Access Protocol 21.0005

An agreed principle for establishing how nodes in a network communicate electronically.

Accordion Contact 36.0006

A type of connector contact that consists of a flat spring formed into a "Z" shape in order to permit high deflection without overstress.

Accuracy 90.0007

The deviation of the measured or observed value from the true value.

Acid Flux 46.0009

A solution of an acid and an inorganic, organic, or water soluble organic flux. (See also "Inorganic Flux," "Organic Flux," and "Water Soluble Organic Flux.")

Acid Number 54.0010

The amount of potassium hydroxide in milligrams that is required to neutralize one gram of an acid medium.

Acid Value 54.1217

See "Acid Number."

Acid-Core Solder 46.0008

Wire solder with a self-contained acid flux.