



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

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

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## Terms and Definitions for Interconnecting and Packaging Electronic Circuits

<b>Abrasion Resistance</b> The ability of a material to withstand surface wear.	<b>54.1821</b>	<b>Acceptance Inspection (Criteria)</b> An inspection that determines conformance of a product to design specifications as the basis for acceptance.	<b>92.0288</b>
<b>Abrasive Trimming</b> Adjusting the value of a film component by notching it with a finely-adjusted stream of an abrasive material against the resistor surface.	<b>54.1318</b>	<b>Access Hole</b> 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.)	<b>60.1319</b>
<b>Absorption Coefficients</b> The degree to which various materials absorb heat or radiant energy when compared to each other.	<b>40.1727</b>		
<b>Absorptivity, Infrared</b> The ratio (or percentage) of the amount of energy absorbed by a substrate as compared with the total amount of incident energy.	<b>40.0087</b>		
<b>Accelerated Aging</b> 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.	<b>93.0001</b>		
<b>Accelerated Life Test</b> See "Accelerated Aging."	<b>93.0119</b>		
<b>Accelerated Test</b> 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.	<b>93.0216</b>		
<b>Accelerator</b> See "Catalyst."	<b>53.0002</b>		
<b>Acceleration Factor (AF)</b> The ratio of stress in reliability testing to the normal operating condition.	<b>93.0260</b>		
<b>Acceptance Quality Level (AQL)</b> 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.	<b>90.0003</b>		
<b>Acceptance Tests</b> Those tests deemed necessary to determine the acceptability of a product and as agreed to by both purchaser and vendor.	<b>92.0004</b>		
		<b>Access Protocol</b> An agreed principle for establishing how nodes in a network communicate electronically.	<b>21.0005</b>
		<b>Accordion Contact</b> A type of connector contact that consists of a flat spring formed into a "Z" shape in order to permit high deflection without overstress.	<b>36.0006</b>
		<b>Accuracy</b> The deviation of the measured or observed value from the true value.	<b>90.0007</b>
		<b>Acid Flux</b> 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.")	<b>46.0009</b>
		<b>Acid Number</b> The amount of potassium hydroxide in milligrams that is required to neutralize one gram of an acid medium.	<b>54.0010</b>
		<b>Acid Value</b> See "Acid Number."	<b>54.1217</b>
		<b>Acid-Core Solder</b> Wire solder with a self-contained acid flux.	<b>46.0008</b>

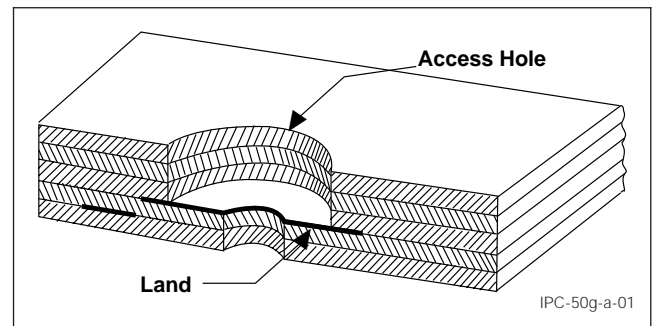


Figure A-1 Access Hole