

## Wild Card Character List

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Applies to: AutoCAD Electrical All Versions

### Challenge

Many of the functions and access databases in AutoCAD Electrical can use wildcard characters to filter out of components. Here are a few examples of where these can be used are:

- Panel Footprint Database File Editor
- Schematic Database File Editor
- Terminal Properties Database File Editor
- Pin List Database File Editor
- Add multiple wire layers in Create and Edit Wire Types dialog

### Solution

Character	Function in Description Key Code
# (pound)	Matches any single numeric digit.
@ (at)	Matches any alphabetic character.
. (period)	Matches any non-alphanumeric character.
* (asterisk)	Matches any string and can be used anywhere in the search string.
? (question mark)	Matches any single character, for example, ?BC matches ABC and 3BC.
~ (tilde)	Matches anything but the pattern, for example, ~*AB* matches all strings that don't contain AB.
[...] (brackets)	Matches any one of the characters enclosed, for example, [AB]C matches AC and BC.
[~...]	Matches any character not enclosed, for example, [~AB]C matches XC but not AC.
- (hyphen)	Inside brackets, specifies a range for a single character, for example [A-G]C matches AC, BC, through GC, but not HC.
' (reverse quote)	Reads the next characters exactly, for example, '*AB matches *AB.

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