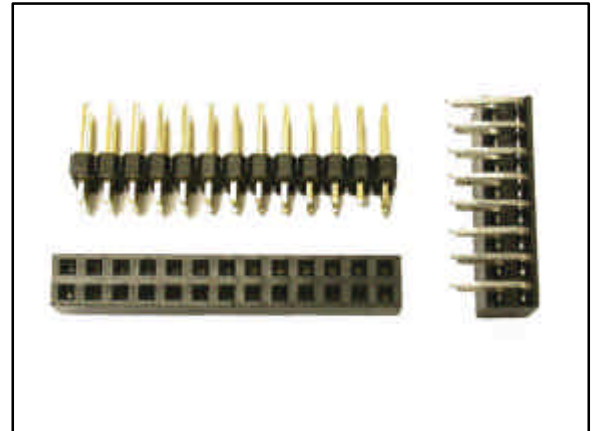


Edac series 151 pin headers and sockets comprise of a wide range of industry standard headers for printed circuit board use. Edac's high volume production capabilities result in flexible design solutions at competitive prices. Our molding and cutting capabilities allow for an enormous variety of pin header styles and types, as header posts can be cut to any height and board depth, plated with a wide variety of options, bent to various angles, polarized in any position, and cut to any number of positions. Headers are also manufactured with a breakaway design that allows for each header to be easily broken into smaller units by the end user. Sockets have plating and termination options, including right angle bends and SMT contacts. Most products can be ordered in color for a small surcharge.

### SPECIFICATIONS (TYPICAL HEADER)

- Insulator Housing: UL 94V-0 thermoplastic polyester
- Contact Material: phosphor bronze
- Contact Plating: gold flash, gold plate, or tin over nickel
- Contact Resistance: 6 milliohms typical
- Insulation Resistance: 5000 megaohms min (header)
- Current Rating: 1 amp maximum under 30 degrees C
- Dielectric Withstand Voltage: 500 vac@sea level
- Temperature Range -55 to +125 degrees C
- High temperature materials available
- Nylon 6T or glass filled polyester available
- Colored insulators are available on many types
- Wide range of custom capabilities and options

**Popular styles are stocked by our authorized distributors worldwide. Factory minimum order quantity (MOQ) is 1,000 pieces per item.**



### ORDERING CODE

**SAMPLE PART NUMBER: 151-025-220-312**

- **151 = Series Number:** Pin header or socket with 0.100 spacing
- **025 = Number of contacts:** 1 to 25 contacts
- **2 = Gold thickness:** 2 = gold flash, 3 = 15u gold plate, 4 = tin plated, 5 = 10u gold plate, 6 = 30u gold plate
- **20 = Contact Type:** 20 = 0.125 PCB solder tail; 24 = SMT with alignment pin; 60 = right angle 0.125 PCB solder tail. All contacts are square post.
- **3 = Connector Type:** 1 = vertical socket; 2 = right angle socket; 3 = header vertical; 4 = header right angle. Numbers above 4 are used in conjunction with the Special Designator to create unique combinations of head and tail height combined with alternate insulator materials and/or plating options.
- **1 = Special Designator:** 0 = none (socket); 1 = 0.230 head and 0.125 tail (standard); 2 = 0.318 head; 3 = high temp (socket); 4 = 0.230 head high temp; 5 = 0.318 head high temp; 6 = 0.180 head; 7 = 0.118 head; 8 = 0.169 head; C = 0.600 head, 0.138 tail; D = 0.500 head, 0.180 tail; G = 0.617 head, 0.393 tail. Almost any size of head can be combined with any length of tail, up to one inch in length on either side plus 0.100 for the body height.
- **2 = Number of rows :** 1 to 3 rows

*Not all options are combinable with every other option, but thousands of variations are available, with typical minimum order quantities of 10,000 pieces.*