



# SERIES 151/153

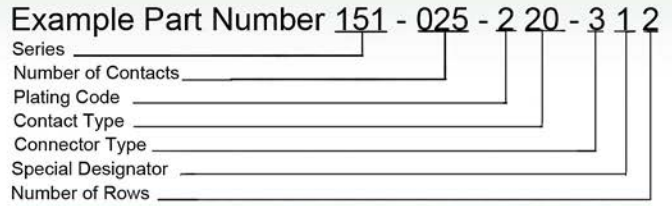


## FEATURES

- Header posts can be cut to any height and board depth
- Wide variety of plating options
- Vertical, right angle or custom bends
- Breakaway design allows for easy separation into smaller units
- Sockets available with right angle and SMT contacts

## SPECIFICATIONS

- Insulator Material: Thermoplastic polyester, UL 94V-0
- Contact Material: Copper alloy
- Contact Plating: Selective gold over nickel with tin plated tails
- Contact Resistance: 6 milliohms typical
- Current Rating: Various, depending on connector
- Dielectric Withstanding Voltage: Various, depending on connector
- Temperature Range: -40 to +105 degrees C
- High temperature materials available
- Nylon 6T or glass filled polyester available
- Coloured insulators are available on many types
- Wide range of custom capabilities and options



<b>Series</b>	
151	Pin Header with .100 spacing
153	Pin Header Socket with .100 spacing

**Total Contacts** 1 to 25 contacts

<b>Plating Code</b>	
2	Gold Flash
3	15u" gold plate
4	tin plated
5	10u" gold plate
6	<b>30u" gold plate</b>

<b>Contact Type</b>	
20	.125 PCB solder tail
24	SMT with alignment pin
60	Right angle .125 PCB solder tail
All contacts are square post	

<b>Connector Type</b>	
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	

<b>Special Designator</b>	
0	None (socket)
1	.230 head and .125 tail (standard)
2	.318 head
3	High temp (socket)
4	.230 head high temp
5	.318 head high temp
6	.180 head
7	.118 head
8	.169 head
C	.600 head, .138 tail
D	.500 head, .180 tail
G	.617 head, .393 tail

Almost and size head can be combined with any length of tail, up to one inch in length on either side plus .100 for the body height

**Numbr of Rows**  
1 to 3 rows