EDGE CONNECTORS FOR USE WITH THE TORTOISE™

The TORTOISE™ Slow Motion Switch Machine has an industry standard spacing for the circuit board extending from the TORTOISE™ case. Matching circuit board edge connectors are available from a number of sources, and most larger electronic supply houses should be able to order them. Although our instructions indicate that Circuitron would have these available, we have decided not to stock these due to an unacceptably high price that we would have to charge. Costs on these connectors have more than doubled over the last 3 years.

The specifications for the edge connector are as follows:

- 0.156” center to center spacing
- 8 or 10 position (although the TORTOISE™ has only 8 positions on its circuit board, 10 position connectors are much easier to find.)
- Single or Double sided connectors will work
- Solder Lug (eyelet) style (small loop lugs extending from the connector for you to attach your wires to) is preferred over Printed circuit or wire wrap styles

One excellent source for these connectors is:

DIGI-KEY CORPORATION
701 Brooks Ave. South
P. O. Box 677
Thief River Falls, MN  56701-0677
PHONE:   (800) 344-4539  (218) 681-6674
FAX:     (218) 681-3380

The part number to order is one of the following parts by EDAC

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>EDC 306100-ND</td>
<td>10 Position Single 6.24</td>
<td>57.72</td>
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<tr>
<td>EDC 305200-ND</td>
<td>10 Position Double 4.80</td>
<td>44.40</td>
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Digi-Key also stocks a part by SULLINS that is less money in quantity

<table>
<thead>
<tr>
<th>Part Number</th>
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<tbody>
<tr>
<td>S3340-ND</td>
<td>Sullins #EBM10DSEH 5.92</td>
<td>47.00</td>
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This part is $2.44 in 1,000 piece quantities.

Pricing was from Digi-Key’s On-Line catalog 08/01/11. They have a free 1500 page catalog, but they do have a small handling charge on small orders.