



Electronics for Model Railroads

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AN-6000-4

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 .

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 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

		1	10	100
EDC 306100-ND	10 Position Single	3.78	33.55	268.40
or				
EDC 305200-ND	10 Position Double	3.66	32.45	259.60

Pricing was from Digi-Key's August 2007 catalog. They have a free 1500 page catalog, but they do have a small handling charge on small orders.