

Choosing Connectors for TMCM Modules

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1 Mating Connectors

Most Trinamic Motion Control Modules (those with 80mm x 50mm size) are equipped with 68 pin connectors (2 x 34 pins) with 2mm pitch. Here is a list of mating connectors that can be used with these modules:

Manufacturer	Part number	Web address	Remarks
Fischer Elektronik	BLY 2 68 BLY 4 68 BLY 8 SMD 68	www.fischerelektronik.de	THT, vertical mount THT, horizontal mount SMD, vertical mount Can all be obtained also in low quantities from Farnell or Conrad Elektronik.
W+P (Distributor: Setron)	316-68-2-50 743-68-2-50 7450-68-2-50-10 6192-68-2-50-10	www.setron.de	THT, vertical mount THT, horizontal mount SMD, vertical mount SMD, horizontal mount
Samtec	MMS-134-01-L-DV MMS-134-02-L-DV	www.samtec.com	THT, vertical mount SMD, vertical mount

Other manufacturers that also make usable mating connectors are FCI and MPE Garry (a distributor is PK Components, www.pk-components.com).

The list given here might not be complete. There may be other manufacturers that produce usable mating connectors. Also, the specifications and part numbers of the parts given here are subject to change without notice. We highly recommend to order samples before using a specific part.

2 Card Guide Latches

In some designs it may be necessary to use card guide latches to increase the mechanical stability. Usable card guide latches are:

Manufacturer	Part number	Web address	Remarks
Richco	VMCGLE-31-M-01	www.richco-inc.com	Can only be obtained in quantities of 1000.

The list given here might not be complete. There may be other manufacturers that produce usable card guide latches. Also, the specifications and part numbers of the parts given here are subject to change without notice. We highly recommend to order samples before using a specific part.