

MicroMatch connectors

Now you're connected!

TMM CONNECTOR SERIES

About Amphenol Commercial Products

Amphenol's commercial products are used in a variety of end user applications including networking, telecom, server & computer, storage & HDD, consumer electronics and entertainment, professional audio & Industrial.



TMM-1 IDC Male.



TMM-2 IDC Paddle board.



TMM-3 DIP Male.



TMM-4 DIP Female .



TMM-5 DIP Female R/A.



TMM-6 SMT Female straight.

Description

The Amphenol MicroMatch 1,27mm (staggered) contact spacing connectors, are designed for board to board and wire to board interconnections offering a large number of positions.

MicroMatch connectors are available in even number of positions from 4 to 26, with fully tinned contacts.

Polarization guide on male connectors to ensure the right orientation.

Kinked contacts on connectors are intended to provide a significant connector retention on PCB while soldering operations.

Locking latches are available on female connectors.

Application

The Amphenol MicroMatch connectors meet a wide variety of needs in Telecom and Industrial equipments.

Product series :

TMM-1 : IDC Male connector

TMM-2 : IDC Paddle board connector.

TMM-3 : DIP Male connector.

TMM-4 : DIP Female straight connector.

TMM-5 : DIP Female right angle connector.

TMM-6 : SMT Female straight connector.

Electrical Data

Current rating : 1,5A

Voltage rating : 230V

Contact resistance : 20mΩ maxi

Insulation resistance : 1000M Ω mini

Withstanding voltage : 500V AC

Mechanical Data

Contact : Copper alloy

Plastic material : High temperature thermoplastic UL 94 V0 – Red. (except IDC)

Contact plating : Tin (Sn)

PC Board Thickness : 1,6mm

Environmental Data

RoHS Compliant

Operating temperature : -40°C to +105°C

Available Documents

Drawings

Now you're connected!

ORDERING INFORMATION

MicroMatch 1,27mm pitch.

	IMM	X	X	XX	X	
Series						
TMM : MicroMatch 1,27 mm pitch						
Connector type						Packaging
1 : IDC Male						1 : Tape & Reel with vacuum tape only for TMM-4 and TMM-6
2 : IDC Paddle board						2 : Tube
3 : DIP Male straight						3 : Bag
4 : DIP Female straight						4 : Tape & Reel without vacuum tape.
5 : DIP Female R/A						
6 : SMT Female straight						Number of positions
Locking system						04 : 4 16 : 16
0 : Without						06 : 6 18 : 18
L : With lock						08 : 8 20 : 20
						10 : 10 22 : 22
						12 : 12 24 : 24
						14 : 14 26 : 26

Amphenol

Amphenol InfoCom Europe
PO Box 63,
3990 DB Houten
The Netherlands

Copyright © Amphenol Corporation 2006 • All rights reserved