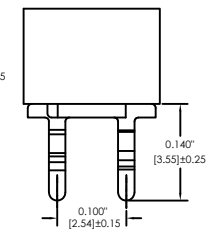
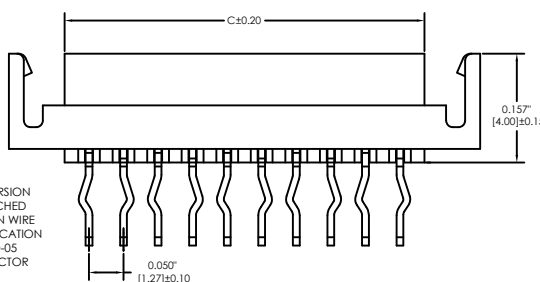
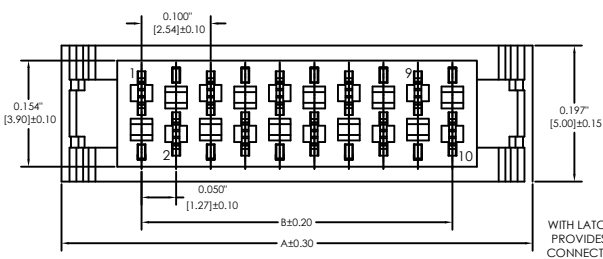
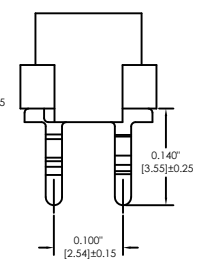
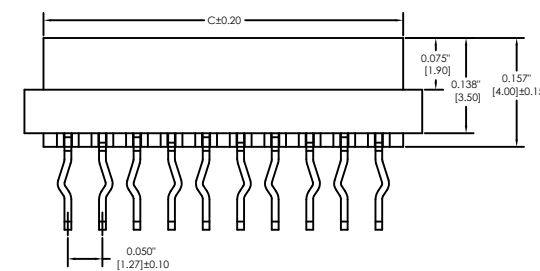
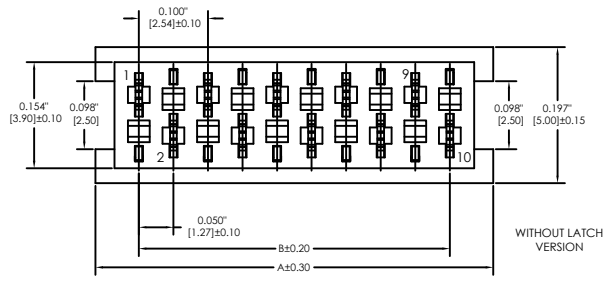
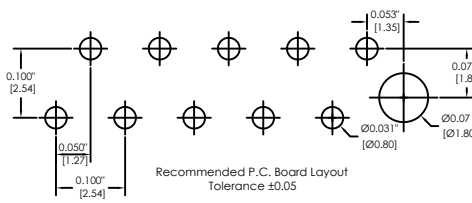


# Major League Electronics .050" Staggered cl Female on Board Connector - Thru Hole



WITHOUT LATCH VERSION

WITH LATCH VERSION PROVIDES LATCHED CONNECTION IN WIRE TO BOARD APPLICATION WITH MICRO-05 CABLE CONNECTOR



Recommended P.C. Board Layout  
Tolerance ±0.05

Pins Per Row	Dimension			Qt'y / Tube
	A	B	C	
2	9.70	3.81	5.60	59
3	12.24	6.35	8.14	47
4	14.78	8.89	10.68	39
5	17.32	11.43	13.22	33
6	19.86	13.97	15.76	29
7	22.40	16.51	18.30	25
8	24.94	19.05	20.84	23
9	27.48	21.59	23.38	21
10	30.02	24.13	25.92	19

Pins Per Row	Dimension			Qt'y / Tube
	A	B	C	
2	7.00	3.81	5.60	82
3	9.54	6.35	8.14	60
4	12.08	8.89	10.68	48
5	14.62	11.43	13.22	39
6	17.16	13.97	15.76	33
7	19.70	16.51	18.30	29
8	22.24	19.05	20.84	26
9	24.78	21.59	23.38	23
10	27.32	24.13	25.92	21

Latch function does not work in board to board applications, not for use with Micro 06 and 07

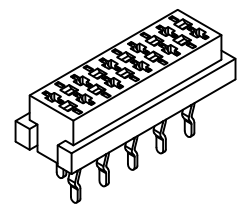
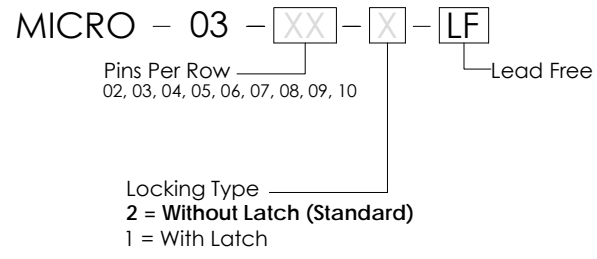
## Specification

**Electrical:**  
 Rated Current: 1.0AMP  
 Contact Resistance: 20mΩ max  
 Withstand Voltage: 500V AC/DC  
 Insulation Resistance: 1000MΩ min  
 Operation Temperature: -40°C to +105°C

**Material:**  
 Contact Material: Phosphor Bronze  
 Contact Plating: Sn Over Ni  
 Insulator Material: High Temperature Plastic PA46 (UL94V-0), Red  
 Packing: Tube without Pick and Place Pad

**Termination:**  
 PCB  
 Polarized by PCB cutout  
 Polarization achieved by peg on male connector and hole in PCB. Orientation of connector on PCB is irrelevant

## Ordering Information



Mates with:  
 MICRO-05 (Wire to Board),  
 MICRO-06 (Board to Board),  
 MICRO-07 (Board to Board)

Products cut to specific sizes are uncancellable/nonreturnable      Parts are subject to change without notice

MICRO-03 SERIES	.050" Staggered cl Female on Board Connector Thru Hole Straight With Kinked Pins & Latch Option With Polarization	26 AUG 10	Scale NTS
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES [MM] TOLERANCES ARE: ONE PLACE DECIMALS ±.100 TWO PLACE DECIMALS ±.010 THREE PLACE DECIMALS ±.005 FOUR PLACE DECIMALS ±.0020 ANGLES ±5°		4235 Earnings Way, New Albany, Indiana, 47150, USA 1-800-782-3486 (USA/Canada/Mexico) Tel: 812-944-7244 Fax: 812-944-7268 E-mail: mle@mlelectronics.com Web: www.mlelectronics.com	
		Revision B	Sheet 1/2

# Revisions

Revision B - (12th May 2011)

Amendment to part number for entire series,  
Total Pins has been changed to Pins Per Row.

Therefore MICRO-XX-04 is now MICRO-XX-02  
(4 total pins now equals 2 pins per row in part number).

## Was:

Total Pins

04, 06, 08, 10, 12, 14, 16, 18, 20

## Now:

Pins Per Row

02, 03, 04, 05, 06, 07, 08, 09, 10

Products cut to specific sizes are uncancelable/nonreturnable

Parts are subject to change without notice

MICRO-03 SERIES

.050" Staggered cl Female on Board Connector Thru Hole  
Straight With Kinked Pins & Latch Option With Polarization

26 AUG 10

Scale  
NTS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS IN INCHES [MM]

TOLERANCES ARE:  
ONE PLACE DECIMALS ±.100  
TWO PLACE DECIMALS ±.010  
THREE PLACE DECIMALS ±.005  
FOUR PLACE DECIMALS ±.0020  
ANGLES  
±5°



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Revision  
B

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