

FEATURES AND SPECIFICATIONS

Features and Benefits

- Performance levels 1 and 2
- Flux proof option
- FMLB/LMFB pins (extended/recessed) available
- Board lock option
- Solder tails for 1.6mm (.062") PCBs (for 2.4mm (.094") PCBs on request)
- High temperature version on request

Electrical

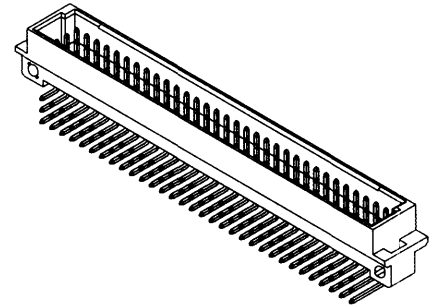
Current: 1.5A

Physical

Housing: Glass-filled polyester, UL 94V-0
 Contact: Brass
 Operating Temperature: -55 to +125°C

molex® 2.54mm (.100") Pitch DIN 41612/IEC 603-2 Connector

85003 Male Style C



Reference Information

Product Specification: PS-85003-0001

Packaging: Tray

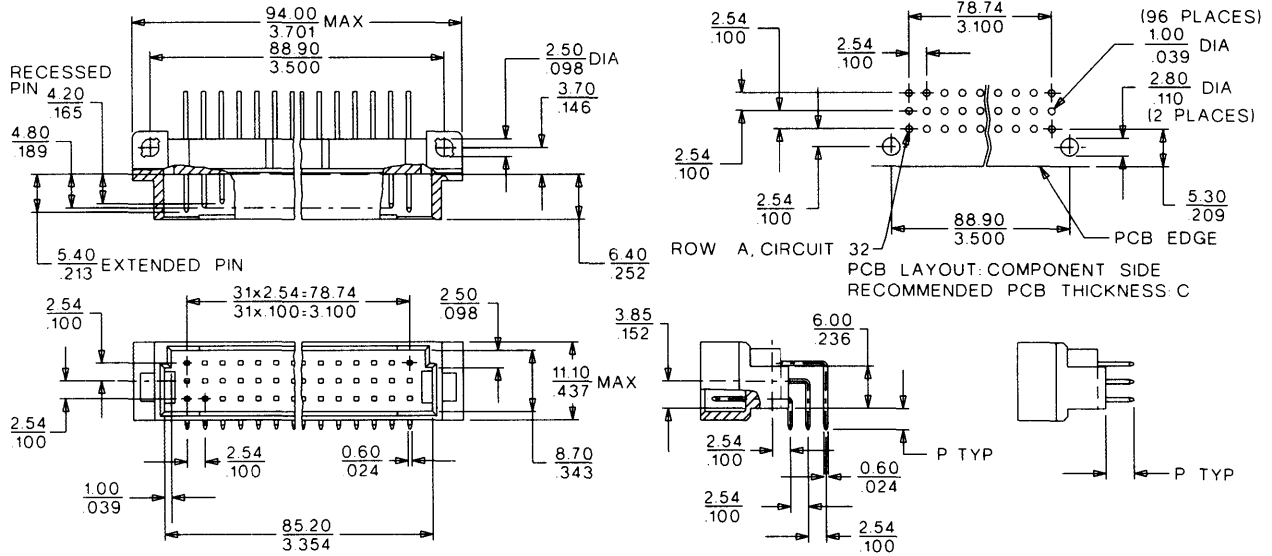
UL File No.: E29179

CSA File No.: LR19980-390

Mates With:

- 85042—Straight female style C
- 85052—Right angle female style R

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.		Contact Loading	Rows	Solder Tail Dimension P	Option(s)
	Performance Level* 1	Performance Level* 2				
32	85003-0634	85003-0220	Even only	a, c	3.0 (.118)	Board locks, flux-proof
		85003-1263				Straight solder tail
		85003-0256				
64	85003-0610	85003-0127	Full	a, c	3.0 (.118)	Board locks
	85003-1603	85003-0309				Flux-proof
		85003-0153				FMLB-4 pins: 1, 32 a, c
		85003-0141				FMLB-2 pins: 1, 32 a
		85003-0646				FMLB-6 pins: 1, 2, 3 a, c
		85003-1457				FMLB-4 pins: 30, 32 a, c
		85003-2385				Coding
	85003-0282	85003-0139				Coding, board locks
		85003-1081				Coding, FMLB-4 pins: 1, 32 a, c
		85003-1550				
		85003-0165				Straight solder tail

Circuits	Order No.		Contact Loading	Rows	Solder Tail Dimension P	Option(s)
	Performance Level* 1	Performance Level* 2				
96	85003-0555	85003-0177	Full	a, b, c	3.0 (.118)	Board locks
	85003-1691	85003-0567				Flux-proof
	85003-2529	85003-0191				FMLB-4 pins: 1, 32 a+c
		85003-1483				FMLB-6 pins: 1, 32 a, b, c, board locks
	85003-2830	85003-0658				FMLB-2 pins: 1, 32 a
	85003-0294	85003-0189				Coding
		85003-1548				Coding, FMLB-4 pins: 1, 32 a, c
	85003-0359	85003-0218				Straight solder tail

For other versions, including high temperature, contact Molex

* Performance levels based on test conditions per DIN 41612, part 5:

1: >500 mating cycles, 10 day industrial environment (S02)

2: >400 mating cycles, 4 day industrial environment (S02)