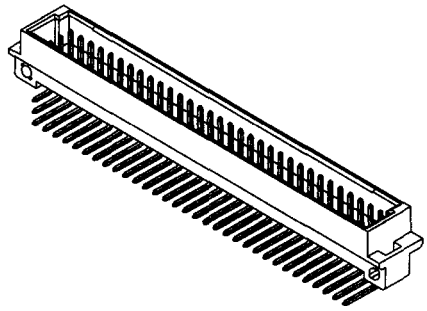
## FEATURES AND SPECIFICATIONS

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

# 85003 Male Style C



### *Features and Benefits*

- Performance levels 1, 2 and 3
- 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

### *Reference Information*

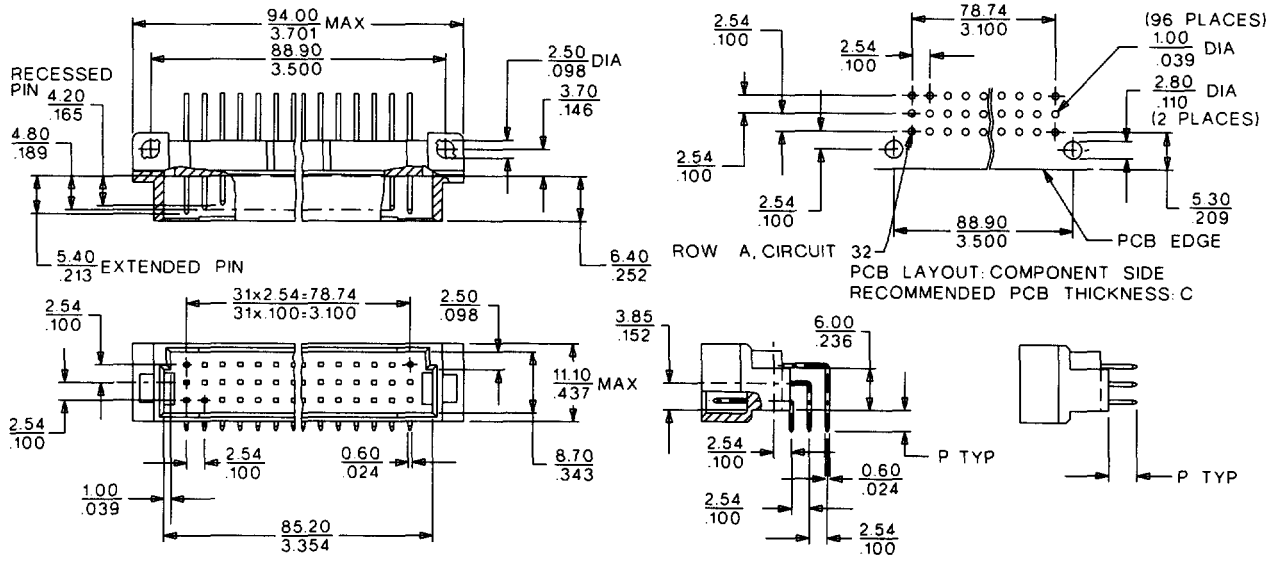
Product Specification: PS-85003-0001
Packaging: Tray
UL File No.: E29179
CSA File No.: LR19980-390
Mates With:
85042—Straight female style C
85052—Right angle female style R

### *Electrical*

Current: 1.5A

### *Physical*

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




## ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No. Performance Level* 1 | 2 | 3 | Contact Loading | Rows | Solder Tail Dimension P | Option(s) |
|---|---|---|---|---|---|---|---|
| 32 | 85003-0634 | 85003-0220 | | Even only | a, c | 3.0 (.118) | |
| | | 85003-1263 | | | | | Board locks, flux-proof |
| | | 85003-0256 | | | | 4.0 (.157) | Straight solder tail |
| 64 | 85003-0610 | 85003-0127 | 85003-2763 | Full | a, c | 3.0 (.118) | |
| | 85003-1603 | 85003-0309 | | | | | Board locks |
| | | 85003-0153 | | | | | Flux-proof |
| | | 85003-0141 | | | | | FMLB-4 pins: 1,32 a, c |
| | | 85003-0646 | 85003-3081 | | | | FMLB-2 pins: 1, 32 a |
| | | 85003-1457 | | | | | FMLB-6 pins: 1, 2, 3 a, c |
| | | 85003-2385 | | | | | FMLB-4 pins: 30,32 a, c |
| | 85003-0282 | 85003-0139 | | | | | Coding |
| | | 85003-1081 | | | | | Coding, board locks |
| | | 85003-1550 | | | | | Coding, FMLB-4 pins: 1, 32 a,c |
| | | 85003-0165 | | | | 4.0 (.157) | Straight solder tail |
| 96 | 85003-0555 | 85003-0177 | 85003-2751 | Full | a, b, c | 3.0 (.118) | |
| | 85003-1691 | 85003-0567 | 85003-2799 | | | | Board locks |
| | | 85003-0206 | | | | | 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 | | | | 4.0 (.157) | Straight solder tail |

For other versions, including high temperature, contact Molex Inside Sales

* 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)

3: >50 mating cycles. No industrial environment