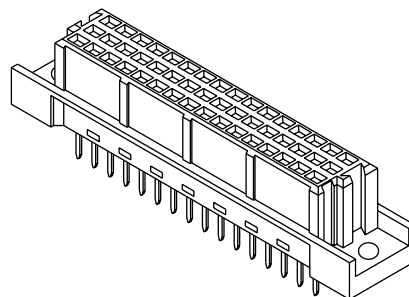




## 2.54mm (.100") Pitch DIN 41612/IEC 603-2 Connector

**85042**  
**Female**  
**Style C/2**



### Features and Benefits

- Dual opposing beam contact
- Performance levels 1 and 2
- Flux-proof option
- Board lock option
- Solder tails for 1.6mm (.062") and 3.2mm (.125") PCBs

### Reference Information

**Product Specification: PS-85042-0001**

**Packaging:** Tray

UL File No.: E29179

CSA File No.: LR19980-390

**Mates With:**

**85003**—Right angle male style C/2

**85013**—Straight male style R/2

## Electrical

Current: 1.5A

**Contact Resistance: 20mΩ max.**

## Mechanical

**Mating Force: 0.93N max.**

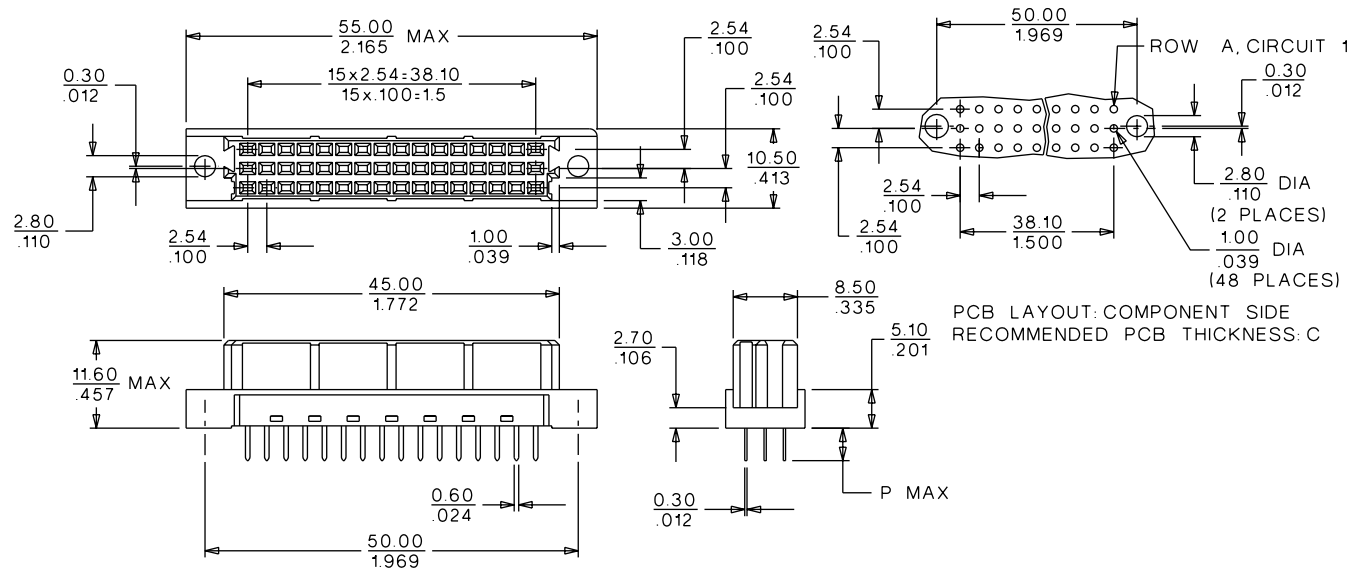
### Physical

Housing: Glass-filled polyester, UL 94V-0

**Contact: Copper Alloy**

**Operating Temperature:** -55 to +125°C

**CATALOG DRAWING (FOR REFERENCE ONLY)**



## ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No.          |            | Contact Loading | Rows    | Solder Tail Dimension P | Option(s)  |
|----------|--------------------|------------|-----------------|---------|-------------------------|------------|
|          | Performance Level* |            |                 |         |                         |            |
|          | 1                  | 2          |                 |         |                         |            |
| 16       |                    | 85042-6139 | Even only       | a, c    | 4.5 (.177)              |            |
| 32       |                    | 85042-0074 | Full            | a, c    | 2.9 (.114)              |            |
|          |                    | 85042-2361 |                 |         |                         | Flux proof |
|          |                    | 85042-0048 |                 |         |                         |            |
|          |                    | 85042-0050 |                 |         | 4.5 (.177)              | Flux proof |
| 48       |                    | 85042-4268 | Full            | a, b, c | 2.9 (.114)              |            |
|          |                    | 85042-1184 |                 |         |                         | Flux proof |
|          | 85042-1330         | 85042-0086 |                 |         |                         |            |
|          |                    | 85042-0957 |                 |         | 4.5 (.177)              | Flux proof |

**For other versions 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)