



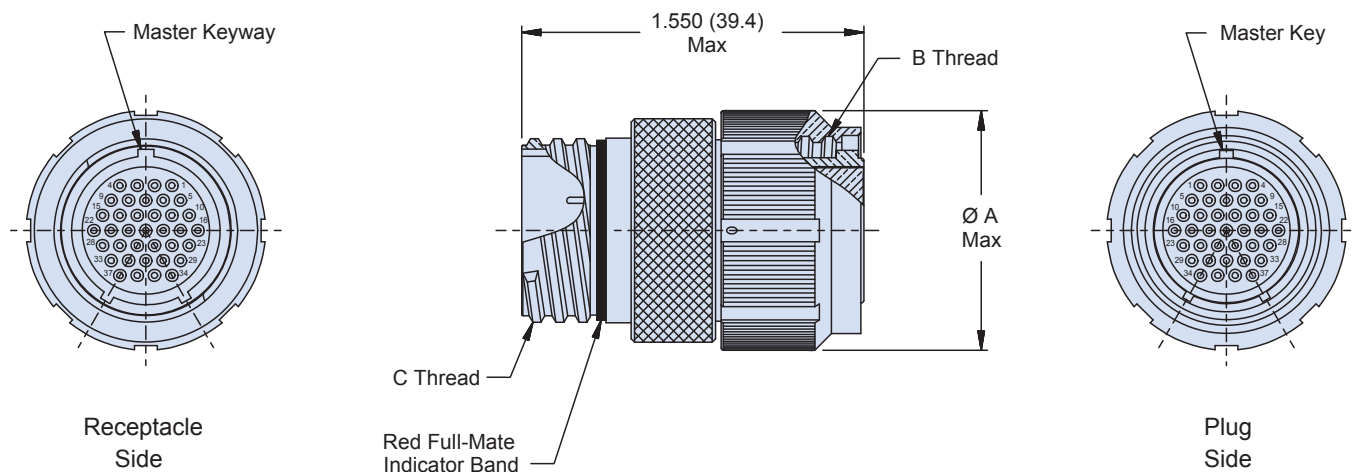
## 240-801-AA

### Series 801 Mighty Mouse Filter Connector Adapter

High Density, Quick Coupling Threads

#### MIGHTY MOUSE FILTER CONNECTOR ADAPTER

| How To Order           |                                                              |    |   |     |    |   |   |   |
|------------------------|--------------------------------------------------------------|----|---|-----|----|---|---|---|
| Sample Part Number     | 240-801-                                                     | AA | M | 6-7 | PS | P | A | A |
| Filter Connector       | Series 801 Mighty Mouse                                      |    |   |     |    |   |   |   |
| Shell Style            | AA = Adapter                                                 |    |   |     |    |   |   |   |
| Shell Material/Finish  | See Table I                                                  |    |   |     |    |   |   |   |
| Insert Arrangement     | See pages C-3 – C-7                                          |    |   |     |    |   |   |   |
| Contact Gender         | PS = Pins, Plug Side SP = Sockets, Plug Side (See Note 2)    |    |   |     |    |   |   |   |
| Filter Type            | P = Pi Circuit C = C Circuit (See Note 1)                    |    |   |     |    |   |   |   |
| Capacitance            | See Table II                                                 |    |   |     |    |   |   |   |
| Alternate Key Position | A, B, C, D, E, F, U A = Normal, U = Universal (See page C-2) |    |   |     |    |   |   |   |



#### Notes

1. Other filter styles (C-L, L-C, Unbalanced Pi, Multi-Stage, Multi-Value) are available, please consult the factory.
2. Please consult factory for Pin/Pin and/or Socket/Socket contact arrangements.

Dimensions in inches (millimeters) and are subject to change without notice.

**240-801-AA**  
**Series 801 Mighty Mouse Filter Connector Adapter**  
**High Density, Quick Coupling Threads**



Mighty Mouse

C

| Table I: Connector Class |                 |                                                     |
|--------------------------|-----------------|-----------------------------------------------------|
| Sym                      | Material        | Finish Description                                  |
| M                        | Aluminum        | Electroless Nickel                                  |
| MT                       |                 | Ni-PTFE 1000 Hour Grey™ Nickel Fluorocarbon Polymer |
| NF                       |                 | Cadmium, Olive Drab over Electroless Nickel         |
| ZN                       |                 | Zinc-Nickel, Olive Drab                             |
| ZR                       |                 | Zinc-Nickel, Black - RoHS                           |
| ZL                       | Stainless Steel | Electro-Deposited Nickel                            |

| Table II: Capacitor Array Code Capacitance Range |                   |                  |
|--------------------------------------------------|-------------------|------------------|
| Class                                            | Pi - Circuit (pF) | C - Circuit (pF) |
| A                                                | 38,000 - 56,000   | 19,000 - 28,000  |
| B                                                | 32,000 - 45,000   | 16,000 - 22,500  |
| C                                                | 18,000 - 33,000   | 9,000 - 16,500   |
| D                                                | 8,000 - 12,000    | 4,000 - 6,000    |
| E                                                | 3,300 - 5,000     | 1,650 - 2,500    |
| F                                                | 800 - 1,300       | 400 - 650        |
| G                                                | 400 - 600         | 200 - 300        |
| J                                                | 70 - 120          | 35 - 60          |

| Table III: Dimensions |              |                      |                      |
|-----------------------|--------------|----------------------|----------------------|
| Shell Size            | Ø A Max      | B Thread             | C Thread             |
| 5                     | .720 (18.3)  | .3125-.05P-.1L-DS-2B | .3125-.05P-.1L-DS-2A |
| 6                     | .800 (20.3)  | .3750-.05P-.1L-DS-2B | .3750-.05P-.1L-DS-2A |
| 7                     | .870 (22.1)  | .4375-.05P-.1L-DS-2B | .4375-.05P-.1L-DS-2A |
| 8                     | 1.000 (25.4) | .5000-.05P-.1L-DS-2B | .5000-.05P-.1L-DS-2A |
| 9                     | 1.060 (26.9) | .5625-.05P-.1L-DS-2B | .5625-.05P-.1L-DS-2A |
| 10                    | 1.060 (26.9) | .6250-.05P-.1L-DS-2B | .6250-.05P-.1L-DS-2A |
| 11                    | 1.100 (27.9) | .6875-.05P-.1L-DS-2B | .6875-.05P-.1L-DS-2A |
| 13                    | 1.250 (31.8) | .8125-.1P-.2L-DS-2B  | .8125-.1P-.2L-DS-2A  |
| 16                    | 1.380 (35.1) | 1.0000-.1P-.2L-DS-2B | 1.0000-.1P-.2L-DS-2A |
| 17                    | 1.460 (37.1) | 1.0625-.1P-.2L-DS-2B | 1.0625-.1P-.2L-DS-2A |
| 19                    | 1.600 (40.6) | 1.1875-.1P-.2L-DS-2B | 1.1875-.1P-.2L-DS-2A |
| 21                    | 1.850 (47.0) | 1.3125-.1P-.2L-DS-2B | 1.3125-.1P-.2L-DS-2A |

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EMI/EMP Filter Connectors

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