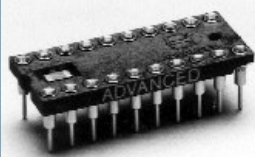
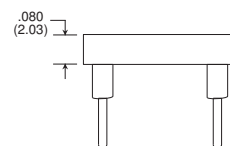


## Table of Models



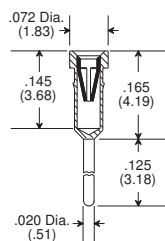
**Description:** Decoupling Capacitor DIP Socket (MDC)  
**Material:** High Temperature Glass Filled Thermoplastic\* U.L. Rated 94V-0  
**Index:** -60°C to 260°C (-76°F to 500°F)



\*Note: This product is not RoHS Compliant.

## Standard Quick-Turn Terminals

**Type -01**  
Low Profile



Additional standard and custom terminals available. See Terminals section online or consult factory.

## Features:

- Quietest decoupling capacitor socket available.
- Insert molded circuit with committed voltage and ground terminals.
- .014/(.36mm) thick copper circuit offers excellent electrical and thermal conductivity.
- Standard decoupling capacitor values of .01µf, .1µf and .33µf. Other capacitor values available to suit your electrical requirements.
- Mounted heights above PCB of .165/(4.19mm), .120/(3.05mm), and .095/(2.41mm).
- Test report available upon request.

## Specifications:

### Terminals and Contacts:

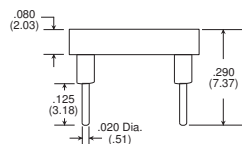
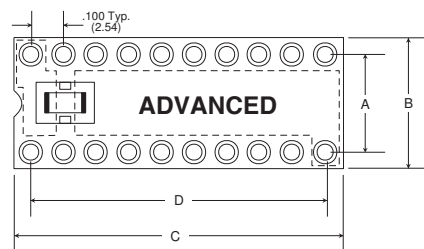
- Terminal: Brass - Copper Alloy (C36000) ASTM-B-16  
 Contact: Beryllium Copper - Copper Alloy (C17200) ASTM-B-194  
 Circuit: Copper

### Plating:

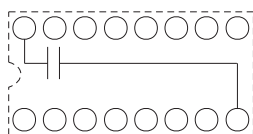
- Terminal: G - Gold over Nickel  
 T - Tin/Lead over Nickel  
 Contact: G - Gold over Nickel  
 T - Tin/Lead over Nickel  
 Circuit: Tin/Lead\*

- Gold per MIL-G-45204  
 Tin/Lead per MIL-P-81728  
 Nickel per QQ-N-290

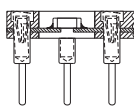
## Dimensional Information



Terminal Type -01 Shown



Electrical Schematic



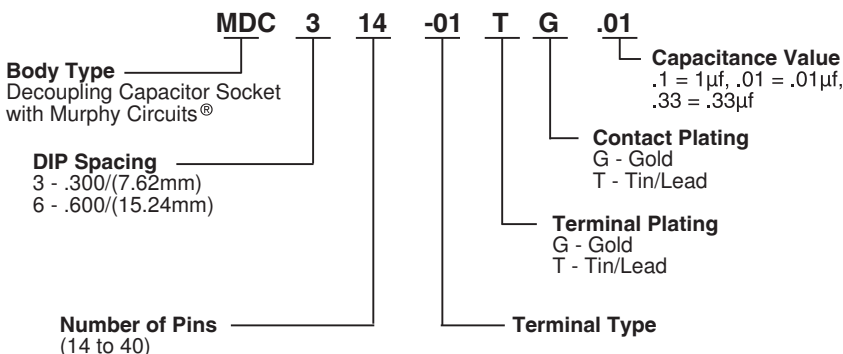
Sectional View of Capacitor

# of Pins	A	B	C	D
14	.300 (7.62)	.400 (10.16)	.700 (17.78)	.600 (15.24)
16	.300 (7.62)	.400 (10.16)	.800 (20.32)	.700 (17.78)
20	.300 (7.62)	.400 (10.16)	1.000 (25.40)	.900 (22.86)
22	.300 (7.62)	.400 (10.16)	1.100 (27.94)	1.000 (25.40)
24	.300 (7.62)	.400 (10.16)	1.200 (30.48)	1.100 (27.94)
24	.600 (15.24)	.700 (17.78)	1.200 (30.48)	1.100 (27.94)
28	.600 (15.24)	.700 (17.78)	1.400 (35.56)	1.300 (33.02)
40	.600 (15.24)	.700 (17.78)	2.000 (50.80)	1.900 (48.26)

## Available Online

- Design your own Decoupling Capacitor DIP Socket
- Decoupling Capacitor Socket Effectiveness Study

## How To Order



5 Energy Way, West Warwick, RI 02893 USA  
 Tel: 800.424.9850 | 401.823.5200  
 Fax: 401.823.8723  
 info@advanced.com | www.advanced.com  
 CAT16-PREVIEW06 Rev. 1/06