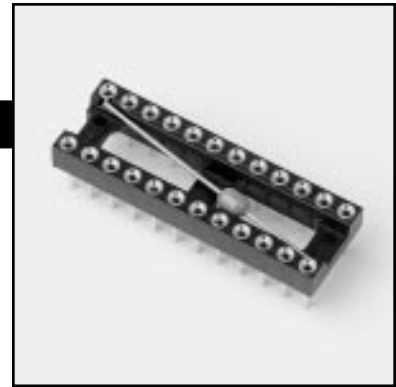


# Series: BU-CA

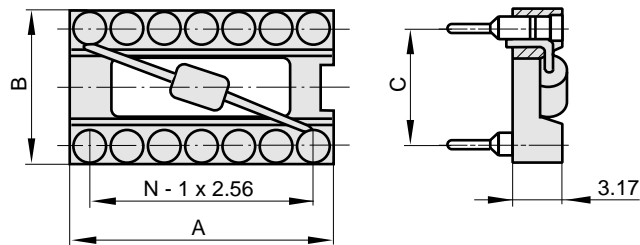
## Machined Pin Capacitor Dip Socket



- ❖ Insertion diameter, .36 mm min. - .50 mm max.
- ❖ Four finger clip with funnel design entry
- ❖ Side and end stackable
- ❖ Pin 1 polarized

### Capacitor Data:

Style Axial multilayer ceramic  
Type Z5U  
Capacitor value .1 $\mu$ F  
Voltage 50V  
Working temperature +10°C / +85°C



### Ordering example: **BU - 16 0 Z - CA**

Positions	A	B	C
08	10.08	10.08	7.62
14	17.70	10.08	7.62
16	20.24	10.08	7.62
18	22.78	10.08	7.62
20	25.32	10.08	7.62
22	27.86	10.08	10.16
22*	27.86	10.08	7.62
24	30.40	17.70	15.24
24*	30.40	10.08	7.62
28	35.48	17.70	15.24
32	40.56	17.70	15.24
40	50.72	17.70	15.24

\*Add 1 for 7.62 spacing on 22(1) and 24(1) positions

# Specifications

## Machined Dip Sockets Series:

### BU

#### Ratings:

Current	1A max.
Voltage	10 mV - 60 V
Dielectric strength	> 1000 V (RMS)
Contact resistance	$\leq 7 \text{ m}\Omega$
Insulation resistance	$> 10^{12} \Omega$
Air and creepage distance	> 0.6 mm
PCB thickness:	1.6 mm - 2.0 mm
PCB hole size:	.7 mm - .9 mm

#### Material:

Plastic	PBT Glass-filled, UL94V-0
Sleeve	Turned brass, Flash copper plated, Nickel 2-3 $\mu\text{m}$ , Tin 5 $\mu\text{m}$
Clip	Beryllium-copper, Nickel 2-3 $\mu\text{m}$ , Gold 0.25 $\mu\text{m}$
Temperature range	-55°C / +125°C, 260°C for 5 sec. (solder bath resistant)
Insertion depth	2.4 mm min. - 3.9 mm max.
Insertion diameter	0.4 mm min. - 0.56 mm max.
Mechanical life	100 cycles

## ORDERING PROCEDURE

    1     -     2         3         4     -     5    

- 1) Series
- 2) Number of Positions (see chart for available positions)
- 3) Contact style:  
O = Solder tail
- 4) Plating:  
Z = Gold clip / Tin sleeve  
G = Gold clip / Gold sleeve
- 5) Series options:  
SFD = Ultra low profile  
178HT = Surface mount  
CA = Capacitor