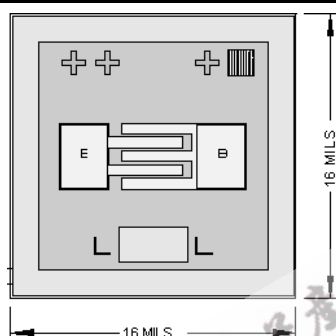


**Chip Type 2C2369A**  
**Geometry 0005**  
**Polarity NPN**

**Generic Packaged Parts:**  
**2N2368, 2N2369, 2N3227,**  
**2N4449**


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Chip type **2C2369A** by Semicoa Semiconductors provides performance similar to these devices.

#### Product Summary:

**APPLICATIONS:** Designed for high speed switching applications.

#### Part Numbers:

2N2368, 2N2369A, 2N3227, 2N4449

#### Features:

- High speed switching capabilities

### Mechanical Specifications

Mechanical Specifications		
Metallization	Top	Al - 17.5 kÅ min.
	Backside	Au - 6.5 kÅ nom.
Bonding Pad Size	Emitter	3.6 mils x 2.8 mils
	Base	3.6 mils x 2.8 mils
Die Thickness	8 mils nominal	
Chip Area	16 mils x 16 mils	
Top Surface	Silox Passivated	

### Electrical Characteristics

$$T_A = 25^\circ\text{C}$$

Parameter	Test conditions	Min	Max	Unit
$BV_{CEO}$	$I_C = 10.0 \text{ mA}, I_B = 0$	15	---	V dc
$BV_{CBO}$	$I_C = 10 \mu\text{A}, I_E = 0$	40	---	V dc
$BV_{EBO}$	$I_E = 10 \mu\text{A}, I_C = 0$	4.5	10	V dc
$h_{FE}$	$I_C = 10 \text{ mA dc}, V_{CE} = 0.35 \text{ V}$	40	---	---

Due to limitations of probe testing, only dc parameters are tested. This must be done with pulse width less than 300  $\mu\text{s}$ , duty cycle less than 2%.