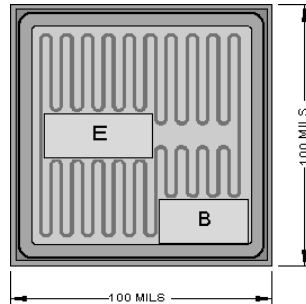


Chip Type 2C6193
Geometry 9700
Polarity PNP

Generic Packaged Parts:
2N6190, 2N6191, 2N6192,
2N6193



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Chip type **2C6193** by Semicoa Semiconductors provides performance similar to these devices.

Part Numbers:

2N6190, 2N6191, 2N6192, [2N6193](#)

Product Summary:

APPLICATIONS:

Designed for medium power switching and wide band applications.

Features: Medium power ratings
 Radiation graphs available

Mechanical Specifications		
Metallization	Top	Al - 30.0 kÅ min.
	Backside	Au - 6.5 kÅ nom.
Bonding Pad Size	Emitter	12.0 mils x 40.0 mils
	Base	12.0 mils x 30.0 mils
Die Thickness	8 mils nominal	
Chip Area	100 mils x 100 mils	
Top Surface	Silox Passivated	

Electrical Characteristics				
$T_A = 25^\circ\text{C}$				
Parameter	Test conditions	Min	Max	Unit
BV_{CEO}	$I_C = 10.0\text{ mA}, I_B = 0$	100	---	V dc
I_{CEO}	$V_{CE} = 100\text{ V}, I_B = 0$	---	100	μA
I_{CBO}	$V_{CB} = 100\text{ V}, I_E = 0$	---	10	μA
I_{EBO}	$V_{EB} = 6.0\text{ V}, I_C = 0$	---	100	μA
h_{FE}	$I_C = 500\text{ mA}, V_{CE} = 2.0\text{ V}$	60	---	---

Due to limitations of probe testing, only dc parameters are tested. This must be done with pulse width less than 300 μs , duty cycle less than 2%.

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