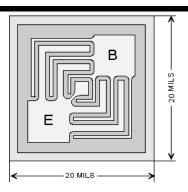


Chip Type 2C2904A Geometry 0600 Polarity PNP

Generic Packaged Parts: 2N2904A



Request Quotation

Chip type **2C2904A** by Semicoa Semiconductors provides performance similar to these devices.

Part Numbers:

2N2904A, 2N2904, 2N2906A, 2N2906, 2N2904AUB, SD2904A, SD2904AF, SQ2904A, SQ2904AF, 2N3485, 2N3485A

Product Summary:

APPLICATIONS: Designed for general purpose switching and amplifier applications.

Features:

Mechanical Specifications					
Metallization	Тор	AI - 18 kÅ min.			
	Backside	Au - 6.5 kÅ nom.			
Bonding Pad Size	Emitter	4.0 mils x 4.0 mils			
	Base	4.0 mils x 4.0 mils			
Die Thickness	8 mils nominal				
Chip Area	20 mils x 20 mils				
Top Surface	Silox Passivated				

Electrical Characteristics						
$T_A = 25^{\circ}C$						
Parameter	Test conditions	Min	Max	Unit		
BV _{CEO}	$I_C = 10.0 \text{ mA}, I_B = 0$	60		V dc		
BV _{CBO}	$I_{C} = 10 \mu A, I_{E} = 0$	60		V dc		
BV_{EBO}	$I_E = 10 \mu A, I_C = 0$	5.0		V dc		
I _{CBO}	$V_{CB} = 50 \text{ V}, I_{E} = 0$		10	nA		
h _{FE}	$I_C = 150 \text{ mA dc}, V_{CE} = 10 \text{ V}$	40	120			

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%.