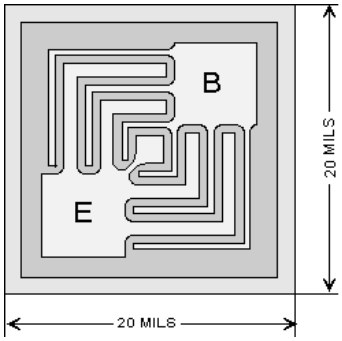
SEMICOA SEMICONDUCTORS

Data Sheet No. 2C2907A

Chip Type 2C2907A
Geometry 0600
Polarity PNP

Generic Packaged Parts:

2N2905, 2N2905A, 2N2907, 2N2907A



Request Quotation

Chip type **2C2907A** by Semicoa Semiconductors provides performance similar to these devices.

Part Numbers:

2N2905, 2N2905A, 2N2905AL, 2N2907, 2N2907A, 2N2907AUB, SD2907A, SD2907AF, SQ2907A, SQ2907AF, 2N3486, 2N3486A, 2N6987, 2N6989

Product Summary:

APPLICATIONS: Designed for general purpose switching and amplifier applications.

Features: Radiation graphs available

Mechanical Specifications

Metallization	Top	Al - 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

$T_A = 25^oC$

Parameter	Test conditions	Min	Max	Unit
BV_{CEO}	I_C = 10 mA, I_B = 0	60	---	V dc
BV_{CBO}	I_C = 10 µA, I_E = 0	60	---	V dc
BV_{EBO}	I_E = 10 µA, I_C = 0	5.0	---	V dc
I_{CBO}	V_{CB} = 50 V, I_E = 0	---	10	nA
h_{FE}	I_C = 150 mA dc, V_{CE} = 10 V	100	300	---

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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