

Plastic Medium-Power Silicon Transistors

2N6387, 2N6388

These devices are designed for general purpose amplifier and low speed switching applications.

High DC Current Gain $h_{FE} = 2500$ (Typ) @ $I_C = 4.0$ Adc

Collector Emitter Sustaining Voltage @ 100 mAdc

$V_{CEO(sus)} = 60$ Vdc (Min) 2N6387

= 80 Vdc (Min) 2N6388

Low Collector Emitter Saturation Voltage

$V_{CE(sat)} = 2.0$ Vdc (Max) @ I_C

= 5.0 Adc 2N6387, 2N6388

Monolithic Construction with Built In Base Emitter Shunt Resistors

TO 220AB Compact Package

These Devices are Pb Free and are RoHS Compliant*



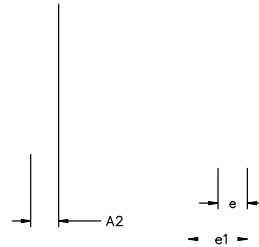


TO-220-3 10.10x15.12x4.45, 2.54P
CASE 221A
ISSUE AL

DATE 05 FEB 2025

A

$\Phi 0.14 \text{ (M)} \text{ C A (M)}$



$\Phi 0.15 \text{ (M)} \text{ C A (M)}$

MILLIMETERS			
DIM	MIN	NOM	MAX
A	4.07	4.45	4.83
A1	1.15	1.28	1.41
A2	2.04	2.42	2.79
b	1.15	1.34	1.52
b1	0.64	0.80	0.96
c	0.36	0.49	0.61
D	9.66	10.10	10.53
D1	8.43	8.63	8.83
E	14.48	15.12	15.75
E1	12.58	12.78	12.98
E2	1.27 REF		

MILLIMETERS			
DIM	MIN	NOM	MAX
e	2.42	2.5	
			J
Q	2.54	2.79	3.04
ϕP	3.60	3.85	4.09
Z	---	---	3.48

NOTES:
 1. DIMENSIONING AND TOLERANCING PER ASME Y14.

Y 1		Y 2		Y 3	Y 4	
1.		1.		1.	1.	1
2.		2.		2.	2.	2
.		.		.	.	2
Y 5		Y 6		Y 7	Y 8	
1.		1.		1.	1.	
2.	U	2.		2.	2.	/ Y
.		.		.	.	
Y 9		Y 10		Y 11	Y 12	
1.		1.		1.	1.	1
2.		2.	U	2.	2.	2
.		.	U	.	.	

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