



Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

2SA1295

Features

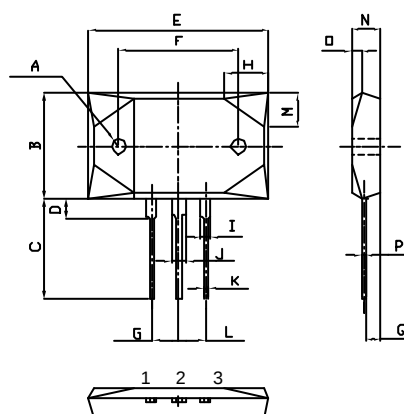
- Complement to type 2SC3264
- Audio and general applications

PNP Silicon Power Transistors

Maximum Ratings

Symbol	Rating	Rating	Unit
V_{CEO}	Collector-Emitter Voltage	230	V
V_{CBO}	Collector-Base Voltage	230	V
V_{EBO}	Emitter-Base Voltage	5.0	V
I_C	Collector Current	17	A
P_C	Collector power dissipation	200	W
T_J	Junction Temperature	-55 to +150	°C
T_{STG}	Storage Temperature	-55 to +150	°C

MT-200



PIN 1. BASE
PIN 2. COLLECTOR
PIN 3. EMITTER

Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Max	Units
--------	-----------	-----	-----	-------

OFF CHARACTERISTICS

$V_{(BR)CEO}$	Collector-Emitter Breakdown Voltage* ($I_C=25mA$, $I_E=0$)	230	---	Vdc
I_{CBO}	Collector-Base Cutoff Current ($V_{CB}=230V$ dc, $I_E=0$)	---	100	μA
I_{EBO}	Emitter-Base Cutoff Current ($V_{EB}=5.0V$ dc, $I_C=0$)	---	100	μA

ON CHARACTERISTICS

h_{FE}	Forward Current Transfer ratio ($I_C=5.0A$, $V_{CE}=4.0V$ dc)	50	---	---
$V_{CE(sat)}$	Collector-Emitter Saturation Voltage ($I_C=5.0A$, $I_E=0.5A$)	---	2.0	Vdc

DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.122	.130	3.10	3.30	2-Ø
B	.839	.854	21.30	21.70	
C	.787	---	20.00	---	
D	---	.157	---	4.00	
E	1.421	1.445	36.10	36.70	
F	.945	.961	24.00	24.40	
G	.211	.219	5.35	5.55	
H	.354	---	9.00	---	
I	.079	---	2.00	---	
J	.118	---	3.00	---	
K	.037	.049	.95	1.25	
L	.211	.219	5.35	5.55	
M	.276	---	7.00	---	
N	.228	.244	5.80	6.20	
O	.083	---	2.10	---	
P	.022	.033	.55	.85	
Q	.114	.130	2.90	3.30	