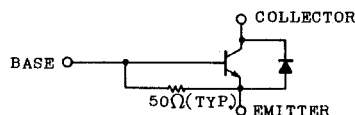


HORIZONTAL DEFLECTION POWER TRANSISTORS

...specifically designed for use in color TV deflection circuits.

FEATURES:

- * High Voltage: $V_{CBO}=1500V$
- * Low Saturation Voltage : $V_{CE(sat)}=5.0V(Typ.) @ I_C = 3.0 A$
- * High Speed : $t_r=1.0 us(Max.) @ I_{CP} = 3.0 A, I_{B1} = 0.8A$
- * Built-in Damper Type
- * Glass Passivated Collector-Base Junction



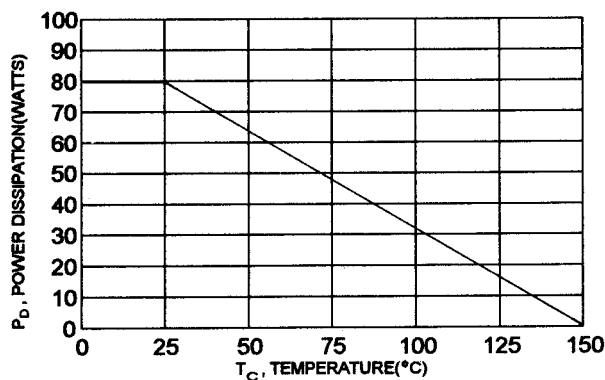
MAXIMUM RATINGS

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	V_{CBO}	1500	V
Collector-Emitter Voltage	V_{CEO}	600	V
Emitter-Base Voltage	V_{EBO}	5.0	V
Collector Current-Continuous	I_C	3.5	A
Base Current	I_B	1.0	A
Total Power Dissipation @ $T_c=25^\circ C$ Derate above $25^\circ C$	P_D	80 0.64	W W/ $^\circ C$
Operating and Storage Junction Temperature Range	T_J, T_{STG}	- 55 to +150	$^\circ C$

THERMAL CHARACTERISTICS

Characteristic	Symbol	Max	Unit
Thermal Resistance Junction to Case	$R_{\theta jc}$	1.56	$^\circ C/W$

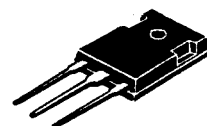
FIGURE -1 POWER DERATING



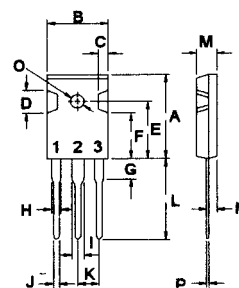
NPN

2SD1426

3.5 AMPERE
POWER
TRANSISTORS
1500 VOLTS
80 WATTS



TO-247(3P)



PIN 1.BASE
2.COLLECTOR
3.EMITTER

DIM	MILLIMETERS	
	MIN	MAX
A	20.63	22.38
B	15.38	16.20
C	1.90	2.70
D	5.10	6.10
E	14.81	15.22
F	11.72	12.84
G	4.20	4.50
H	1.82	2.46
I	2.92	3.23
J	0.89	1.53
K	5.26	5.66
L	18.50	21.50
M	4.68	5.36
N	2.40	2.80
O	3.25	3.65
P	0.55	0.70



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and [register](#) as a paying customer.

Price starting at: \$50 US for a weekly membership.
\$150 US for 3 months membership, and \$500 US for a yearly membership.

"Searchdatasheets provides users with one of the Internet's most complete sources for obsolete datasheets," said Ariel Zriel, President, Market Maker Systems.

As the life-cycle of components is shortened by the constant demand for faster and better technology, electronics parts are being rendered obsolete at an unprecedented rate. Searchdatasheets gathers and stores the fact sheets, which explain how to use those components.

"Once a component manufacturer decides to eliminate a component datasheet from its web site," said Zriel, "we take over and list it along with the millions of other datasheets that our users can quickly access."

Users can perform standard searches for datasheets, or use the cross-reference search option if they want to find a compatible part from another manufacturer.

Searchdatasheets also informs its users when parts are going to become obsolete, providing them with timely product change notification (PCN), product discontinuation notices (PDN) and end of life (EOL) notification.

Searchdatasheets is the only database of its kind that has components engineers onstaff.

That means users can count on assistance from qualified personnel when performing cross-reference searches. Searchdatasheets engineers also regularly research and add and new datasheets to the system.

"We have full-time Engineers on-staff to research and add datasheets if the information is not currently on our site," said Zriel. "We are providing a place for users to have their questions answered quickly. Our aim is to build a community for components engineers who need help in product design."

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