

SD1496**ELECTRICAL CHARACTERISTICS** ($T_{case} = 25^{\circ}C$)

STATIC

Symbol	Test Conditions		Value			Unit
			Min.	Typ.	Max.	
BV_{CES}	$I_C = 50.0mA$	$V_{BE} = 0$	50.0			V
BV_{CEO}	$I_E = 50.0mA$	$I_B = 0$	26.0			V
BV_{FBO}	$I_E = 10.0mA$	$I_C = 0$	3.0			V
I_{CBO}	$V_{CB} = .0V$	$I_E = 0$			5.0	mA
h_{FE}	$V_{CE} = 5.0V$	$I_C = 1.0A$	20			

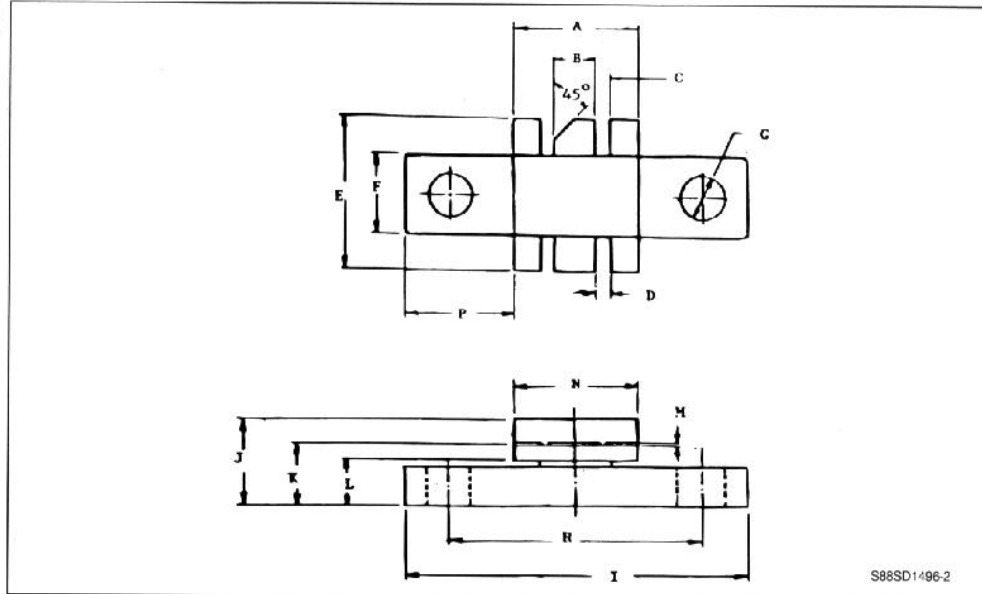
* Pulsed through 25MH Inductor.

DYNAMIC

Symbol	Test Conditions		Value			Unit
			Min.	Typ.	Max.	
P_O	$f = 860 - 900MHz$	$V_{CC} = 24V$	60			W
G_P	$f = 860 - 900MHz$	$V_{CC} = 24V$	7.5			dB
η_C	$f = 860 - 900MHz$	$V_{CC} = 24V$		50.0		%
C_{GB}	$V_{CE} = 24V$	$V_{CC} = 24V$		55.0		pF

PACKAGE MECHANICAL DATA

.230 6LFL



	Minimum Inch/mm	Maximum Inch/mm
A	.355/9.01	.365/9.27
B	.115/2.92	.125/3.18
C	.075/1.91	.085/2.16
D	.035/0.89	.045/1.14
E	.425/10.80	.435/11.05
F	.225/5.72	.235/5.97
G	.115/2.92	.130/3.30
H	.720/18.29	.730/18.54

	Minimum Inch/mm	Maximum Inch/mm
I	.970/24.64	.980/24.89
J	.230/5.84	.260/6.60
K	.155/3.94	.175/4.45
L	.120/3.05	.130/3.30
M	.004/0.10	.006/0.15
N	.345/8.76	.360/9.14
P	.300/7.62	.314/7.98