



**SD1495-3****ELECTRICAL CHARACTERISTICS** ( $T_{case} = 25^{\circ}C$ )

## STATIC

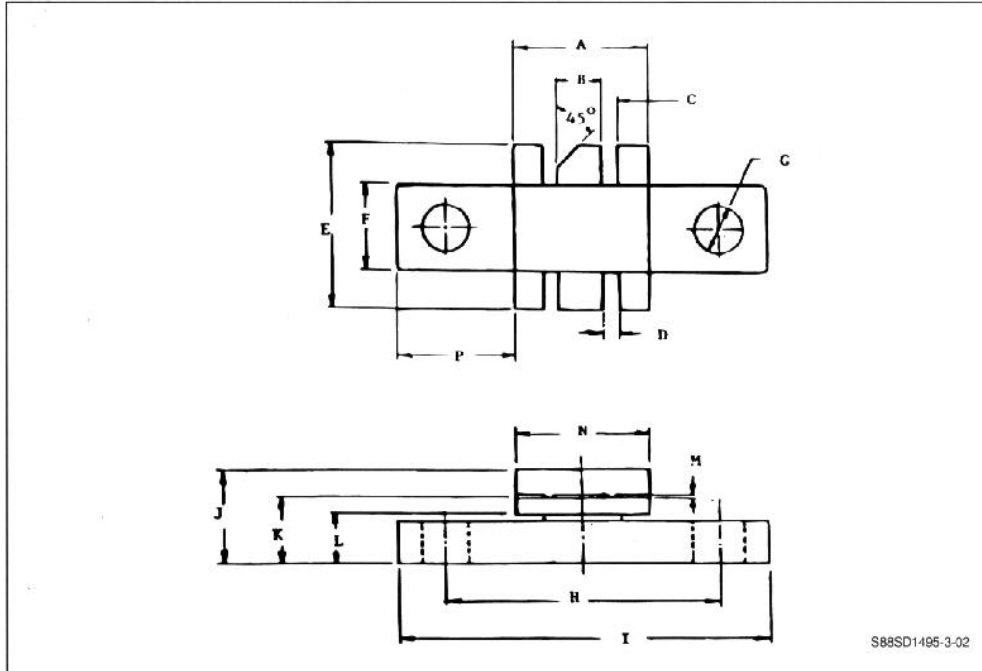
Symbol	Test Conditions		Value			Unit
			Min.	Typ.	Max.	
$BV_{CES}$	$I_C = 50mA$	$V_{BE} = 0V$	50			V
$BV_{CEO}$	$I_C = 50mA$	$I_B = 0$	30			V
$BV_{EBO}$	$I_E = 10mA$	$I_C = 0$	4			V
$I_{CBO}$	$V_{CB} = 15V$	$I_E = 0$			5	mA
$h_{FE}$	$V_{CE} = 5V$	$I_C = 1A$	10		120	

## DYNAMIC

Symbol	Test Conditions		Value			Unit
			Min.	Typ.	Max.	
$P_O$	$f = 960MHz$	$V_{CE} = 24V$	30			W
$G_P$	$f = 960MHz$	$V_{CE} = 24V$	7			dB
$\eta_C$	$f = 960MHz$	$V_{CE} = 24V$		50		%
$C_{ob}$	$f = 1MHz$	$V_{CE} = 24V$		55		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	.175/4.45w
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