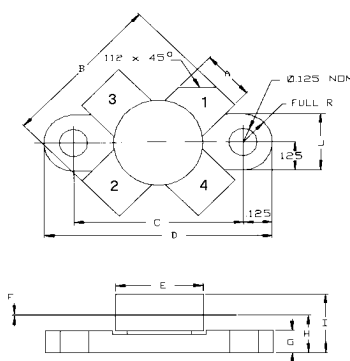


DESCRIPTION:

MAXIMUM RATINGS

I_C	6.0 A
V_{CEO}	18 V
V_{CB0}	36 V
P_{DISS}	60 W @ T _J = 25 °C
T_J	-65 to +200 °C
T_{STG}	-65 to +150 °C
θ_{JC}	2.9 °C/W

PACKAGE STYLE .380" 4L FLG.



	MINIMUM Inches/mm	MAXIMUM Inches/mm
A	.220/5,59	.230/5,84
B	.785/19,94	
C	.720/18,29	.730/18,54
D	.970/24,64	.980/24,89
E		.385/9,78
F	.004/0,10	.006/0,15
G	.085/2,16	.105/2,67
H	.160/4,06	.180/4,57
I		.280/7,11
J	.240/6,10	.255/6,48

1 = COLLECTOR 2 = BASE
3 & 4 = EMITTER

CHARACTERISTICS $T_C = 25^\circ\text{C}$

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
BV_{CEO}	I _C = 100 mA	18			V
BV_{CES}	I _C = 20 mA	36			V
BV_{EBO}	I _E = 10 mA	4.0			V
I_{CBO}	V _{CB} = 15 V			2.5	mA
I_{CES}	V _{CE} = 15 V T _A = 55 °C			10	mA
h_{FE}	V _{CE} = 5.0 V I _C = 500 mA	5.0			---
C_{OB}	V _{CB} = 12.5 V f = 100 KHz		310	400	pF
G_{PE}	V _{CC} = 12.5 V P _{OUT} = 40 W f = 175 MHz	4.5	5.0		dB
η_C	V _{CC} = 12.5 V P _{OUT} = 40 W f = 175 MHz	60			%

ADVANCED SEMICONDUCTOR, INC.

REV. A

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