NPN SILICON RF POWER TRANSISTOR

DESCRIPTION:

The **BLY92C** is Designed for Class C FM Amplifier Applications up to 250 MHz.

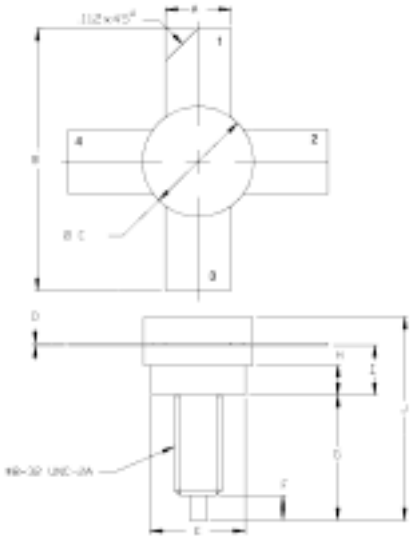
FEATURES:

- P_G = 11 dB Typical at 175 MHz
- High Load VSWR Capability
- ***Omnigold***™ Metalization System

MAXIMUM RATINGS

I_C	4.0 A
V_{CB}	65 V
V_{CE}	35 V
V_{EB}	4.0 V
P_{DISS}	40 W @ T_C = 25 °C
T_J	-65 °C to +200 °C
T_{STG}	-65 °C to +150 °C
θ_{JC}	4.4 °C/W

PACKAGE STYLE .380" 4L STUD



	MINIMUM Inches/mm	MAXIMUM Inches/mm
A	220/5,59	.230/5,84
B	980/24,89	
C	370/9,40	.385/9,78
D	004/0,10	.007/0,18
E	320/8,13	.330/8,38
F	100/2,54	.130/3,30
G	450/11,43	490/12,45
H	.090/2,29	.100/2,54
I	.155/3,94	.175/4,45
J		.750/19,05

1 = COLLECTOR 2 & 4 = EMITTER
3 = BASE

ORDER CODE: ASI10758

CHARACTERISTICS T_C = 25 °C

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
BV_{CES}	I_C = 200 mA	65			V
BV_{CEO}	I_C = 200 mA	35			V
BV_{EBO}	I_E = 10 mA	4.0			V
I_{CBO}	V_{CB} = 30 V			2.0	mA
h_{FE}	V_{CE} = 5.0 V I_C = 200 mA	35			---
C_{ob}	V_{CB} = 30 V f = 1.0 MHz		40	50	pF
P_G η_C	V_{CC} = 28 V P_{OUT} = 15 W f = 175 MHz	10 50	11 60		dB %

Specifications are subject to change without notice.