

Dual PNP Small Signal Transistor



Features

- High frequency
- Low noise
- Low input capacitance
- Low collector-emitter capacitance
- Low collector-base capacitance
- Low base-emitter capacitance

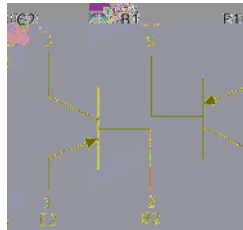
Application

- Amplifier

Mechanical Data

- Dimensions: 1.5x1.5x0.8mm
- V_{CE} = 5V, I_C = 10mA, f_T = 100MHz
- R_{th(j-c)} = 100°C/W, R_{th(j-e)} = 100°C/W
- T_{stg}: -55°C to 150°C

Equivalent circuit



Maximum Ratings

Item	Symbol	Unit	Value
Collector-emitter voltage	V _{CE}	V	5
Collector-base voltage	V _{CB}	V	5
Emitter-base voltage	V _{EB}	V	5
Collector current (DC)	I _C	mA	10
Collector current (pulsed)	I _{C,peak}	mA	100
Power dissipation (DC)	P _{tot}	mW	100
Power dissipation (pulsed)	P _{tot,peak}	mW	1000
Storage temperature range	T _{stg}	°C	-55 to 150
Operating temperature range	T _{amb}	°C	-55 to 150

1. Pulse width limited by SOA and thermal limits.

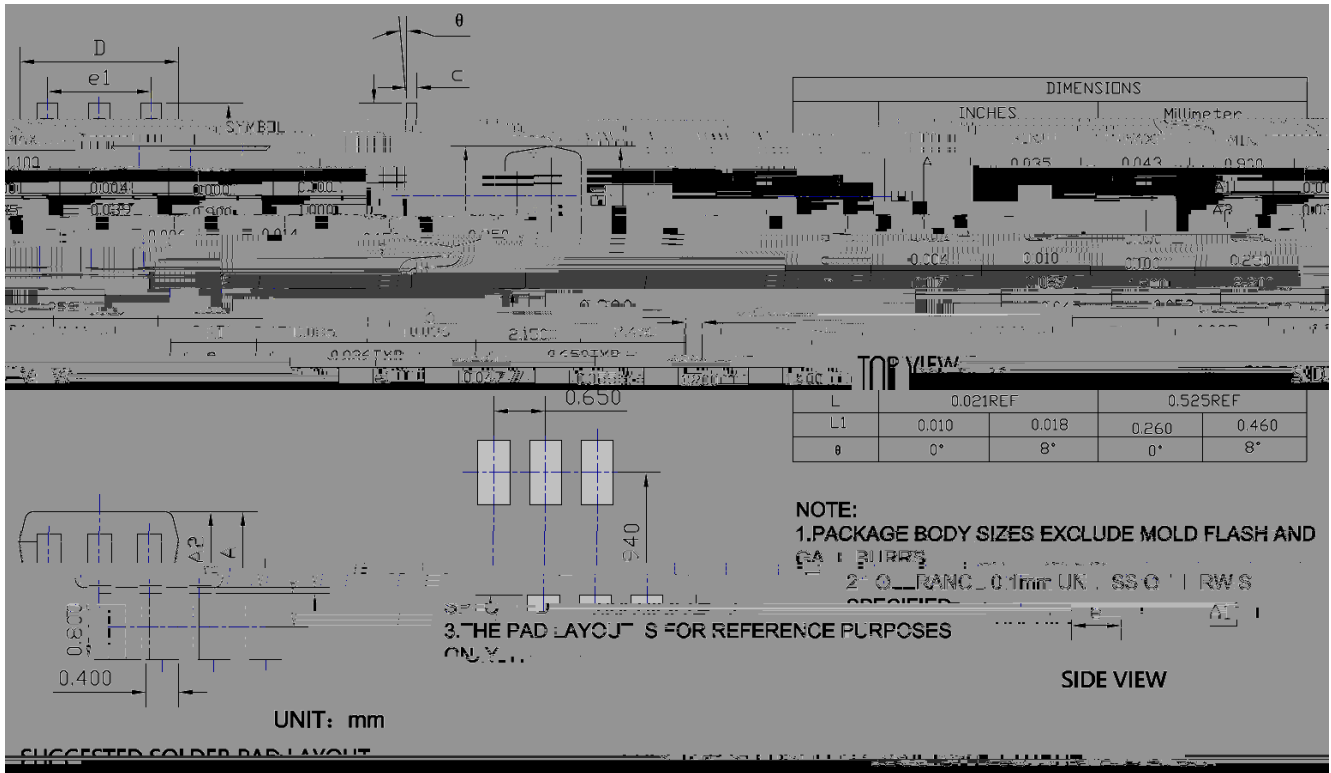
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SOT-363 Package Outline Dimensions & Suggested Pad Layout





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Disclaimer

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