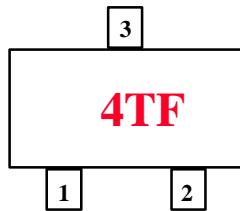
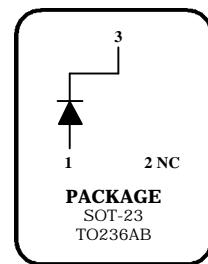


PACKAGE
SOT-23
TO-236AB (Low)



CONNECTION DIAGRAM



Schottky Barrier Diode

Sourced from Process GD

Absolute Maximum Ratings* TA = 25°C unless otherwise noted

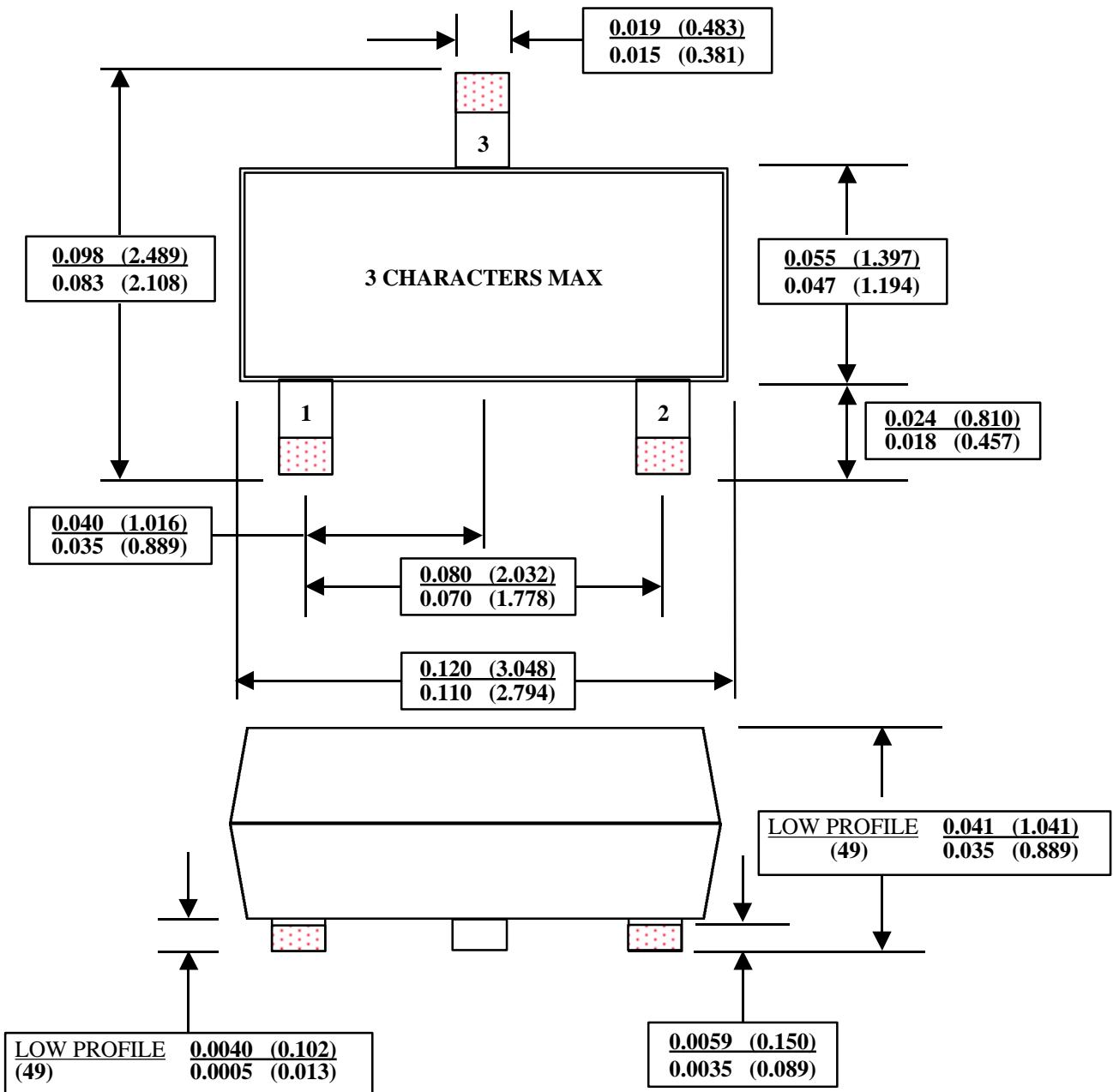
Sym	Parameter	Value	Units
T _{stg}	Storage Temperature	-55 to +150	°C
T _J	Operating Junction Temperature	-55 to +125	°C
W _{iv}	Working Inverse Voltage	30	V
P _F	Forward Power Dissipation @ T _A = 25°C Derate above 25°C	200 2.0	mW Mw/°C

*These ratings are limiting values above which the serviceability of any semiconductor device may be impaired

Electrical Characteristics

TA = 25°C unless otherwise noted

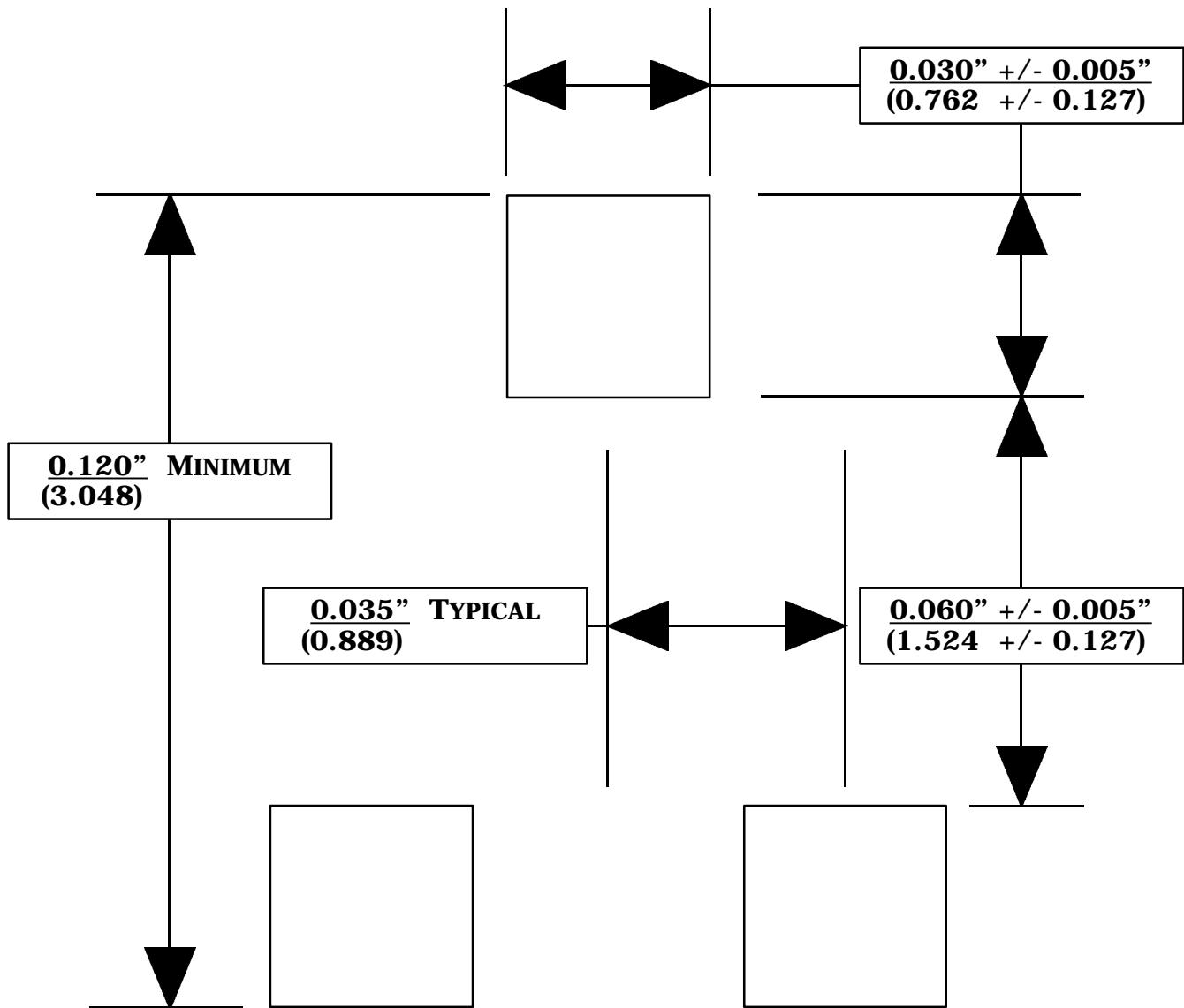
SYM	CHARACTERISTICS	MIN	MAX	UNITS	TEST CONDITIONS
B _V	Breakdown Voltage	30		V	I _R = 10 uA
I _R	Reverse Leakage		200	nA	V _R = 25 V
V _F	Forward Voltage		450 600	mV mV	I _F = 1.0 mA I _F = 10 mA
C _T	Capacitance		1.5	pF	V _R = 15 V f = 1.0 MHz



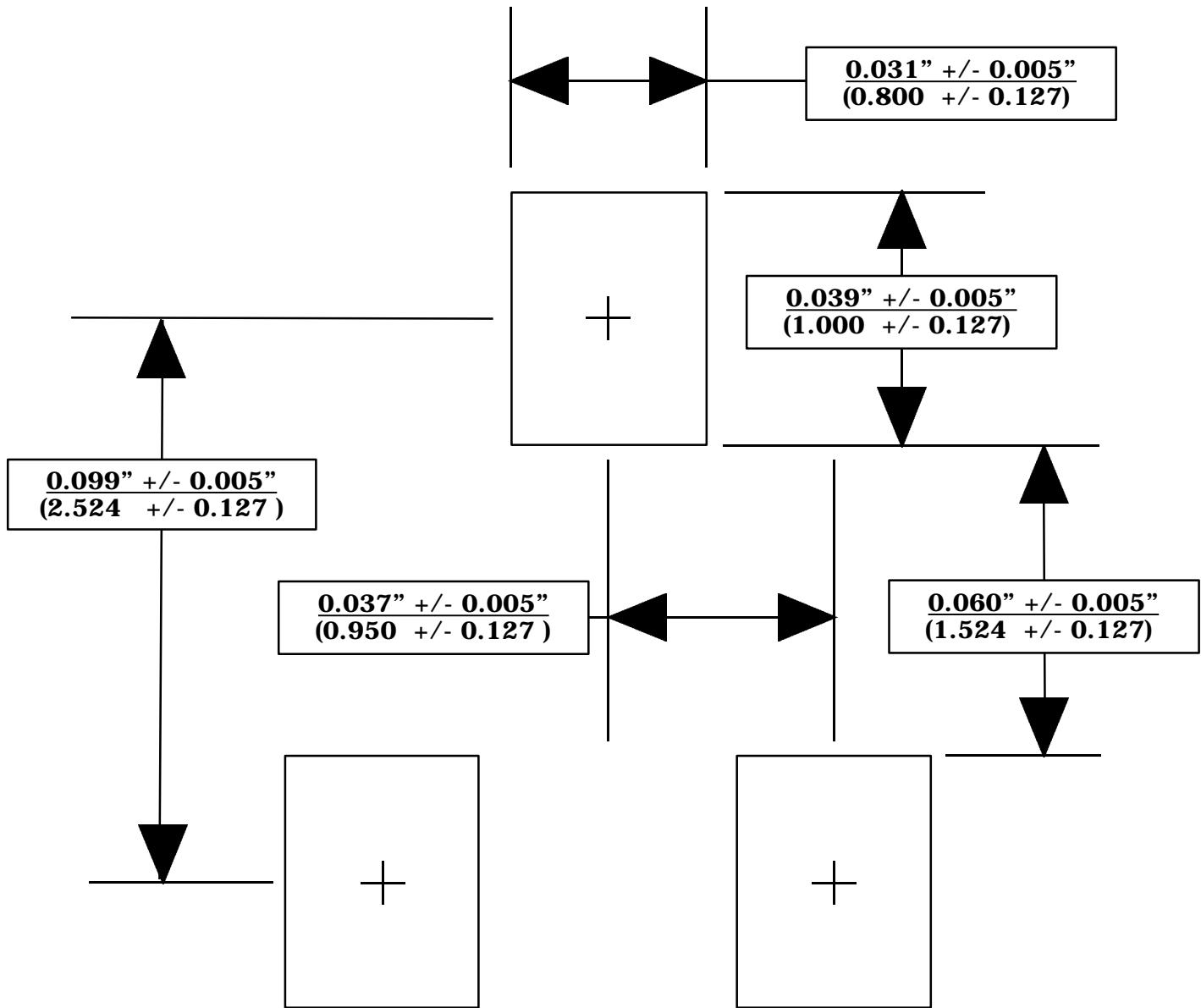
SOT-23

TO-236AB (LOW PROFILE)

22-August-1994



**RECOMMENDED SOLDER PADS
FOR
SOT-23**



**RECOMMENDED SOLDER PADS
FOR
U.S. & European SOT-23
&
Japanese SC-59**

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PRODUCT STATUS DEFINITIONS

Definition of Terms

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