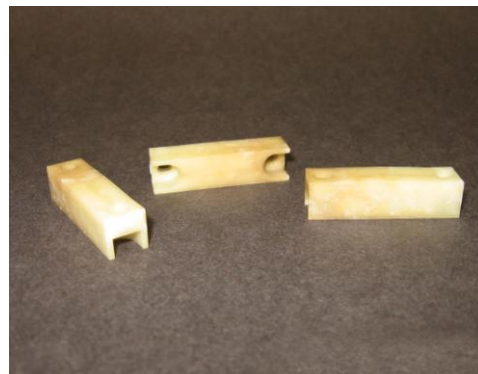


Clamping Device

The TO270WB and the TO270WBL are clamping devices designed to provide improved thermal and electrical performance for RF Power Transistors. Based on the recommendations in the Freescale Semiconductor Application Note AN3789, the TO270WB and TO270WBL are built to work in commercial grade RF applications. Please read Freescale Semiconductor Application Note AN3789 for proper procedures to install clamping device.



Key Features:

- Improved P1dB performance
- Improved IMD3 performance
- Designed for #4-40 or M3 Screws*
- The TO270WB clamping device is designed to work with power transistors in TO-270, T0-272, TO-270WB and TO-272WB packages
- The TO270WBL Clamping Device is designed to work with power transistors in TO-270WBL and OM-780 packages

Absolute Maximum Ratings:

Parameters		Symbol	Value	Units
Temperature		T	175	°C
Torque	#4-40 screws		5	in-lb
	M3 Screws		0.6	N-m

Package Name	Case Outline	Use Clamping Device
TO-270 WB-14	1618	TO270WB
TO-270 WB-16	1886	TO270WB
TO-270 WB-4	1486	TO270WB
TO-272 WB-14	1617	TO270WB
TO-272 WB-16	1329	TO270WB
TO-272 WB-4	1484	TO270WB
TO-272-2	1337	TO270WB
TO-272-6	1264A	TO270WB
TO-272-8	1366A	TO270WB
OM-780-2	2021`	TO270WBL
TO-270 WBL-16	1866	TO270WBL
TO-270 WBL-4	1730	TO270WBL

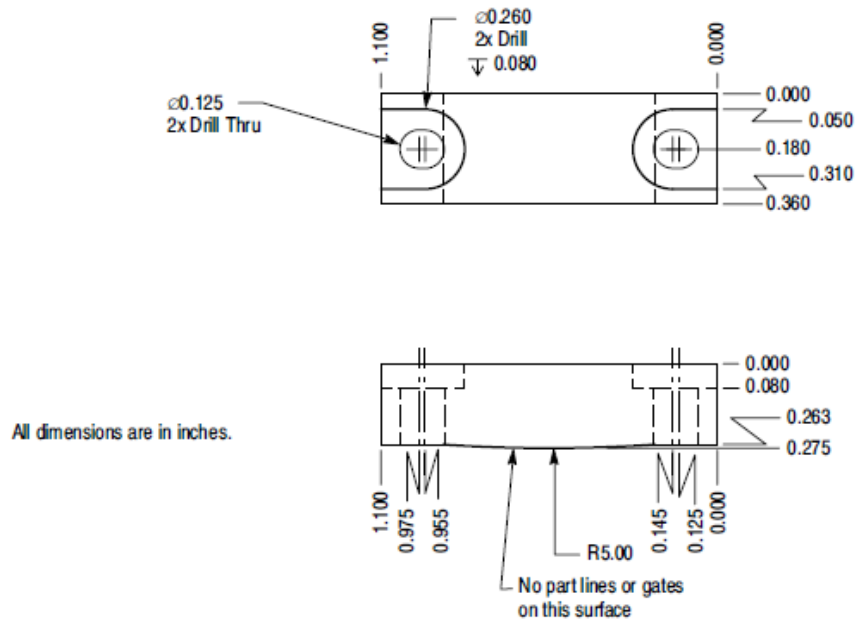
Note: Please read Freescale Semiconductor Application Note AN3789 thoroughly before use.

* Use 2 screws, 2 flat washers and 2 lock washers (see Freescale Application Note AN3789).

Available exclusively from Richardson RFPD - 800-737-6937 (U.S. & Canada) - 630-208-2700 (International)
 Or visit www.richardsonrfpd.com. See important product notice on last page of this document.

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Mechanical Outline: TO270WB



Mechanical Outline: TO270WBL

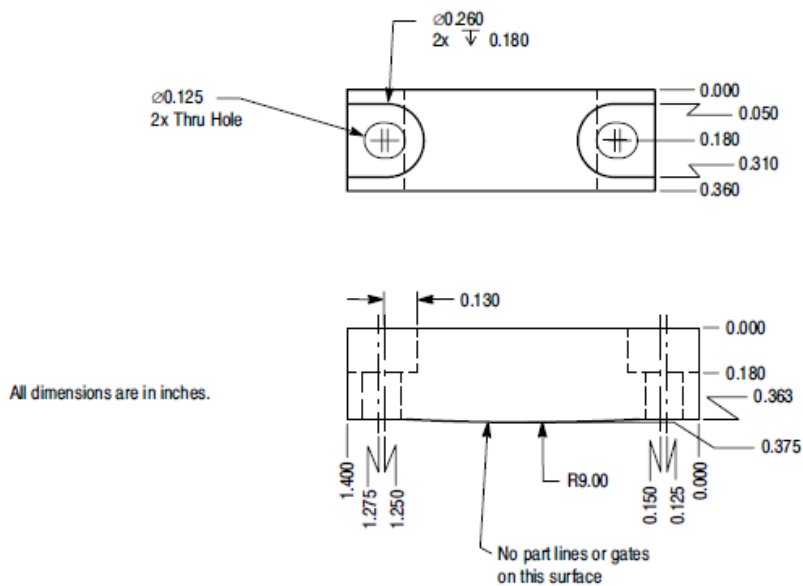


FIG. 1 Clamp Dimensions

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Or visit www.richardsonrfpd.com. See important product notice on last page of this document.

Ordering Information

Part Number	TO270WB or TO270WBL
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