

Product / Process Change Notice

Parts Affected:

Semiconductor devices assembled in the SOT-563 case.

Reason for Change:

An additional manufacturing line was qualified to assemble the SOT-563 case.

Extent of Change:

The SOT-563 mechanical dimensions were updated; see Figure 1 and Tables 1 and 2 for the previous and updated mechanical dimensions.

A 2 character marking code as opposed to a 3 character marking code is being used to identify the additional manufacturing line. The additional marking codes will be listed on the individual device data sheets.

Effect of Change:

This change does not affect the electrical characteristics of any device.

This change does not affect the mounting pad geometry or footprint of the SOT-563 layout.

Qualification:

Standard evaluation and qualifications completed resulting in no performance differences compared to current product.

Effective Date of Change:

January 23, 2014. Existing inventory will be shipped until depleted.

Sample Availability:

Please contact Salesperson or Manufacturer's Representative.

Figures:

Figure 1: SOT-563 Mechanical Outline

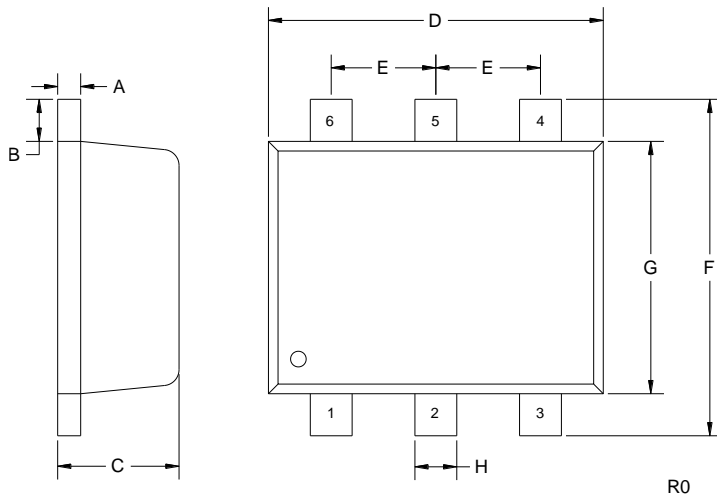


Table 1 (Previous Mechanical Dimensions)

SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.004	0.007	0.10	0.18
B	0.008		0.20	
C	0.022	0.024	0.56	0.60
D	0.059	0.067	1.50	1.70
E	0.020		0.50	
F	0.061	0.067	1.55	1.70
G	0.047		1.20	
H	0.006	0.012	0.15	0.30
SOT-563 (REV: R0)				

Table 2 (Updated Mechanical Dimensions)

SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.0027	0.007	0.07	0.18
B	0.008		0.20	
C	0.017	0.024	0.45	0.60
D	0.059	0.067	1.50	1.70
E	0.020		0.50	
F	0.061	0.067	1.55	1.70
G	0.045	0.049	1.15	1.25
H	0.006	0.012	0.15	0.30
SOT-563 (REV: R1)				

Part Numbers Affected:

CMLD2004G
CMLD4448