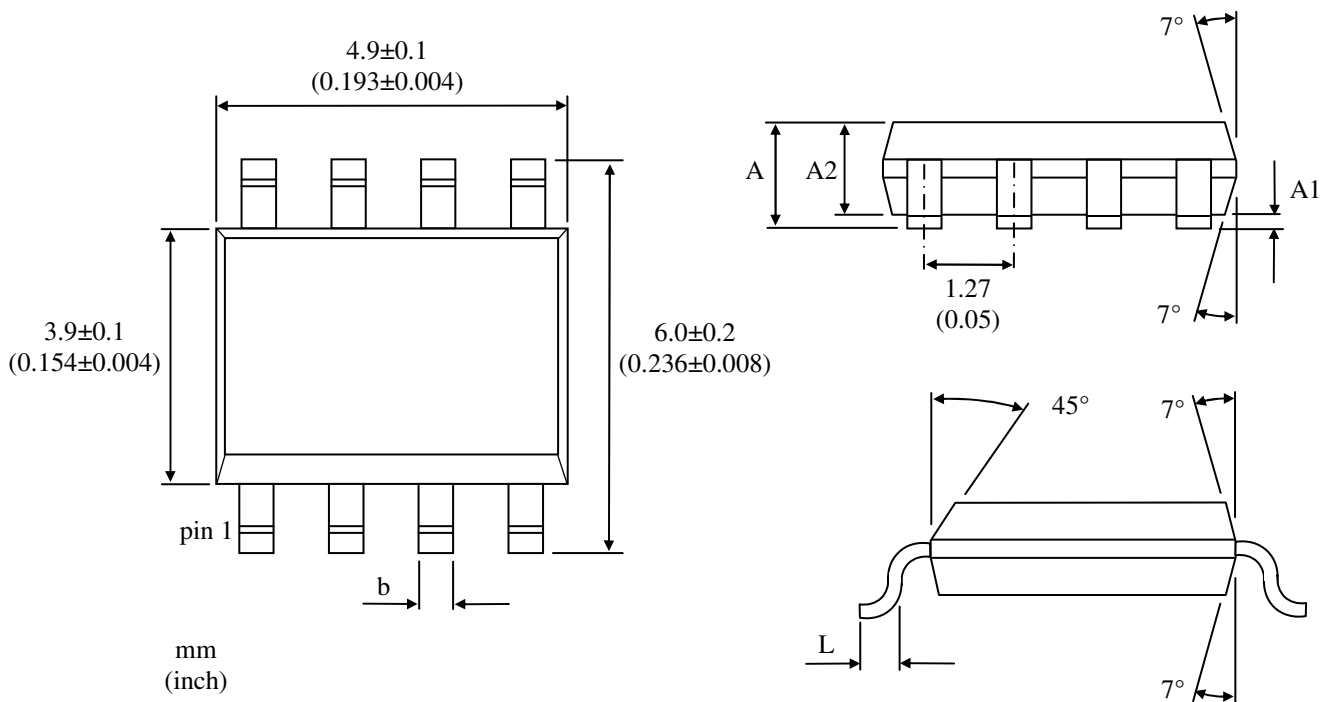


Scope

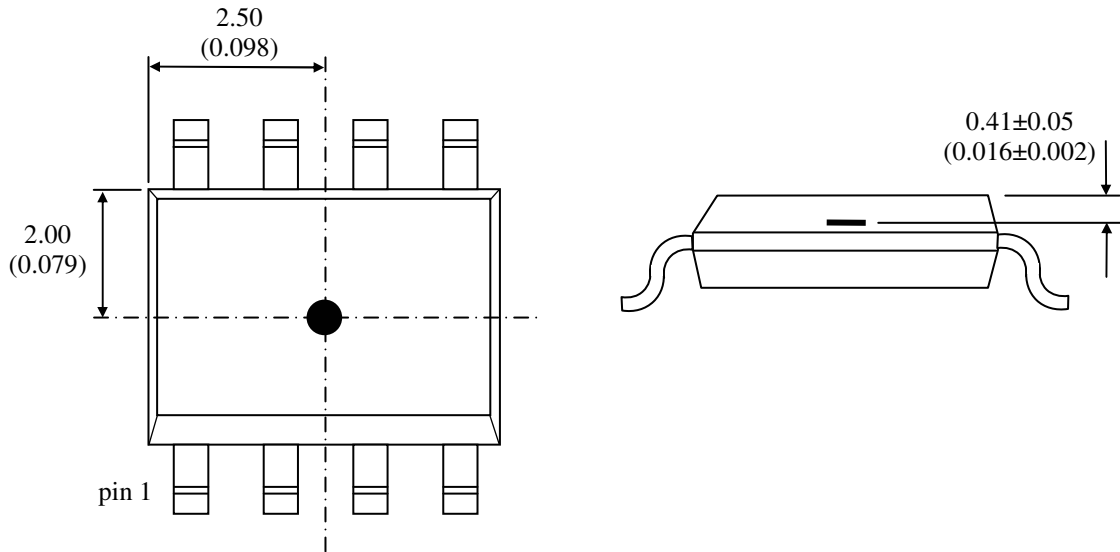
This Technical note lists the differences between the versions of the Current Sensor MLX91202 in SOIC8 package – CSA-1V and CSA-1VG. The transition to a RoHS compliant package will impact package dimensions. This transition will have no impact on the customer's applications.

Package Dimensions

Changed Dimensions, mm (inch)	CSA-1V (Leaded)	CSA-1VG (RoHS compliant)
A	max 1.60 (max 0.063)	max 1.72 (max 0.068)
A1	0.05 ± 0.05 (0.002 ± 0.002)	0.18 ± 0.07 (0.007 ± 0.003)
A2	1.40 ± 0.10 (0.055 ± 0.004)	1.47 ± 0.10 (0.058 ± 0.004)
b	0.43 ± 0.05 (0.017 ± 0.002)	0.41 ± 0.05 (0.016 ± 0.002)
L	0.60 ± 0.15 (0.024 ± 0.006)	0.84 ± 0.43 (0.033 ± 0.017)



Magnetic Sensitive Spot Location



Impact on the Existing Applications

The transition will have no impact on the customer's applications.

Contact Person at Melexis for Technical Questions

For further technical details please contact Markus Gloor (mag@melexis.com).