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*Two-Wire True Zero-Speed Miniature Differential  
Peak-Detecting Sensor IC with Continuous Calibration*

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## Not for New Design

This part is in production but has been determined to be NOT FOR NEW DESIGN. Sale of this part is currently restricted to existing customer programs already using the part. The part should not be purchased for new programs or designed into new applications. Samples are no longer available.

Date of status change: December 5, 2016

### Recommended Substitutions:

*For existing customer transition, and for new customers or new applications, contact Allegro Sales.*

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NOTE: For detailed information on purchasing options, contact your local Allegro field applications engineer or sales representative.

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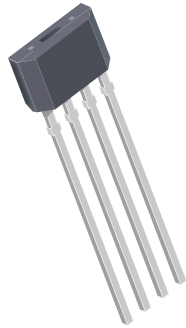
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## Two-Wire True Zero-Speed Miniature Differential Peak-Detecting Sensor IC with Continuous Calibration

### Datasheet Addendum

#### PACKAGE:



4-Pin SIP  
(Suffix K)

*Not to scale*

#### DESCRIPTION

This addendum adds a 4-pin SIP (suffix K) variant to the main datasheet for this device.

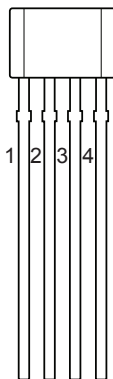
For parameters not listed in this addendum, refer to the main datasheet. In the event of a conflict between this addendum and the main datasheet, this addendum takes precedence.

#### SELECTION GUIDE

Part Number	I <sub>CC</sub> Range	Packing*
A1642LKTN-I1-T	4.0 mA Low to 16.0 mA High	Tape and reel, 13-inch reel 4000 pieces per reel
A1642LKTN-I2-T	5.9 mA Low to 16.8 mA High	

\*Contact Allegro for additional packing options

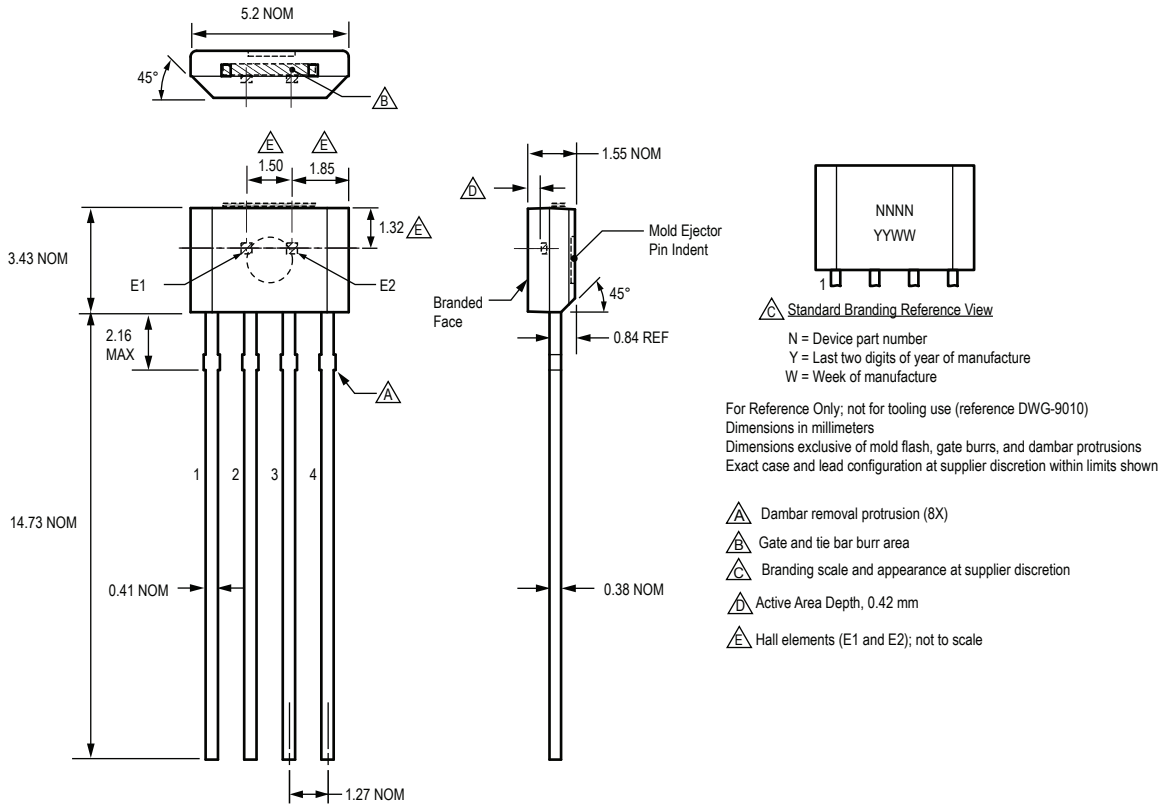
#### PINOUT DIAGRAM



#### TERMINAL LIST TABLE

Number	Name	Function
1	VCC	Connects power supply to chip
2	NC	No connection
3	Test	Float or tie to GND
4	GND	Ground connection

### Package K, 4-Pin SIP



**REVISION HISTORY**

<b>Number</b>	<b>Date</b>	<b>Description</b>
-	November 9, 2016	Initial release

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