



# SOT162-3

plastic, small outline; leaded package; 16 terminals; 1.27 mm pitch; 10.3 mm x 7.5 mm x 2.4 mm body

14 December 2016

Package information

## 1. Package summary

<b>Terminal position code</b>	D (double)
<b>Package type descriptive code</b>	SO
<b>Package type industry code</b>	SO16
<b>Package style descriptive code</b>	SO (small outline)
<b>Package body material type</b>	P (plastic)
<b>Mounting method type</b>	S (surface mount)
<b>Issue date</b>	7-7-2016
<b>Manufacturer package code</b>	98ASB42567B

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	10.15	-	10.3	10.45	mm
E	package width	7.4	-	7.5	7.6	mm
A	seated height	2.35	-	2.4	2.65	mm
e	nominal pitch	-	-	1.27	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	16	-	



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## 2. Package outline

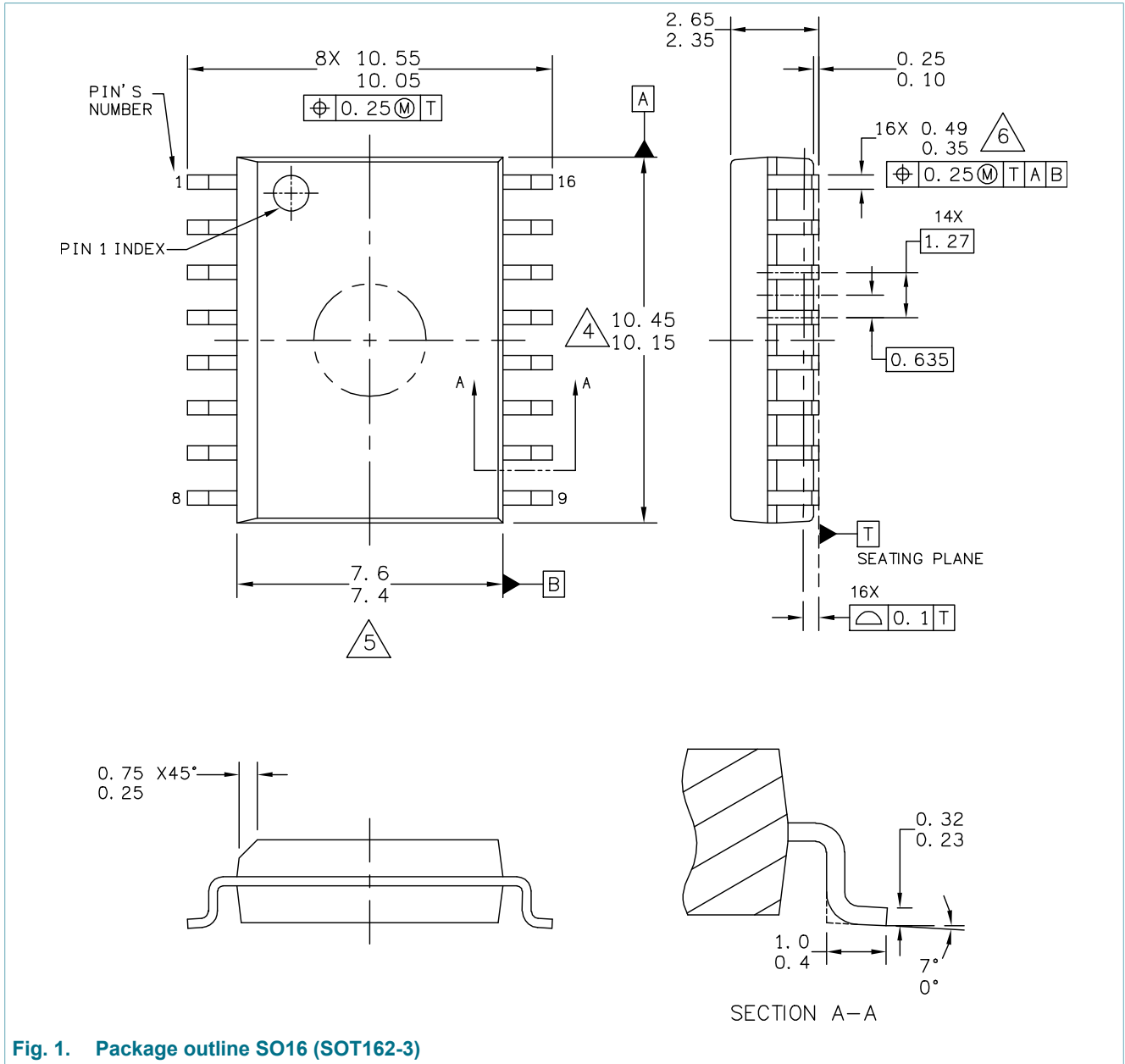


Fig. 1. Package outline SO16 (SOT162-3)

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## NOTES:

1. DIMENSIONS ARE IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
3. DATUMS A AND B TO BE DETERMINED AT THE PLANE WHERE THE BOTTOM OF THE LEADS EXIT THE PLASTIC BODY.
4. THIS DIMENSION DOES NOT INCLUDE MOLD FLASH, PROTRUSION OR GATE BURRS. MOLD FLASH, PROTRUSION OR GATE BURRS SHALL NOT EXCEED 0.15 MM PER SIDE. THIS DIMENSION IS DETERMINED AT THE PLANE WHERE THE BOTTOM OF THE LEADS EXIT THE PLASTIC BODY.
5. THIS DIMENSION DOES NOT INCLUDE INTER-LEAD FLASH OR PROTRUSIONS. INTER-LEAD FLASH AND PROTRUSIONS SHALL NOT EXCEED 0.25 MM PER SIDE. THIS DIMENSION IS DETERMINED AT THE PLANE WHERE THE BOTTOM OF THE LEADS EXIT THE PLASTIC BODY.
6. THIS DIMENSION DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED 0.62 mm.

**Fig. 2. Package outline note SO16 (SOT162-3)**

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### 3. Legal information

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