



SOT109-5

SO16, plastic, small outline; leaded package; 16 terminals;
1.27 mm pitch; 9.9 mm x 3.9 mm x 1.75 mm body

31 March 2017

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	SO16
Package type industry code	SO16
Package style descriptive code	SO (small outline)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Issue date	24-3-2017
Manufacturer package code	98ASB42566B

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	3.9	-	mm
E	package width	-	-	9.9	-	mm
A	seated height	-	-	1.75	1.75	mm
e	nominal pitch	-	-	1.27	-	mm
n ₂	actual quantity of termination	-	-	16	-	



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2. Package outline

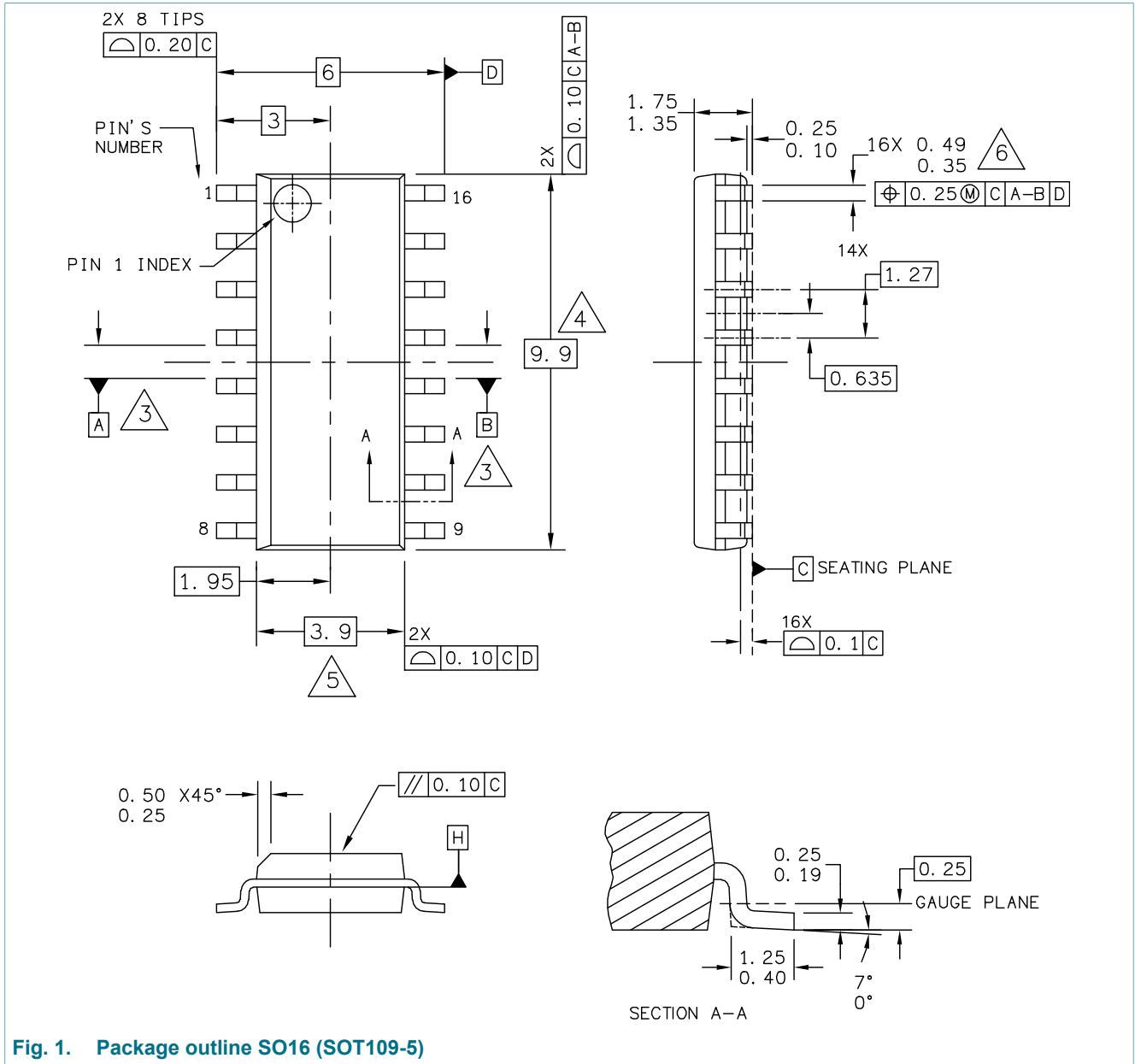


Fig. 1. Package outline SO16 (SOT109-5)

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NOTES:

1. DIMENSIONS ARE IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
3. DATUMS A & B TO BE DETERMINED AT DATUM H.
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.
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 (SOT109-5)

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3. Legal information

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