

# SOT109-1

plastic, small outline package; 16 leads; 1.27 mm pitch; 9.9 mm x 3.9 mm x 1.75 mm body

20 June 2022

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)

IEC package outline code 076E07

JEDEC package outline code MS-012

Mounting method type S (surface mount)

Number of package outline detail graphic

references

Issue date19-2-2003Manufacturer package codeSOT109Footprint dimensions (mm)11.9 x 7.65Footprint area (mm²)91.04

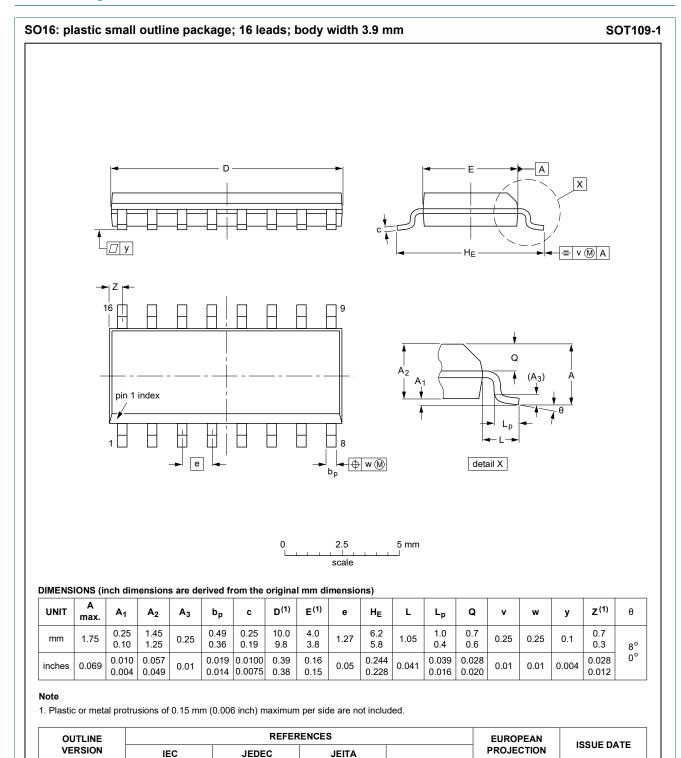
### **Table 1. Package summary**

Symbol	Parameter	Min	Тур	Nom	Max	Unit
D	package length	9.8	-	9.9	10	mm
E	package width	3.8	-	3.9	4	mm
Α	seated height	-	-	1.75	1.75	mm
A <sub>2</sub>	package height	1.25	-	1.35	1.45	mm
е	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 (SOT109-1)

076E07

MS-012

SOT109-1

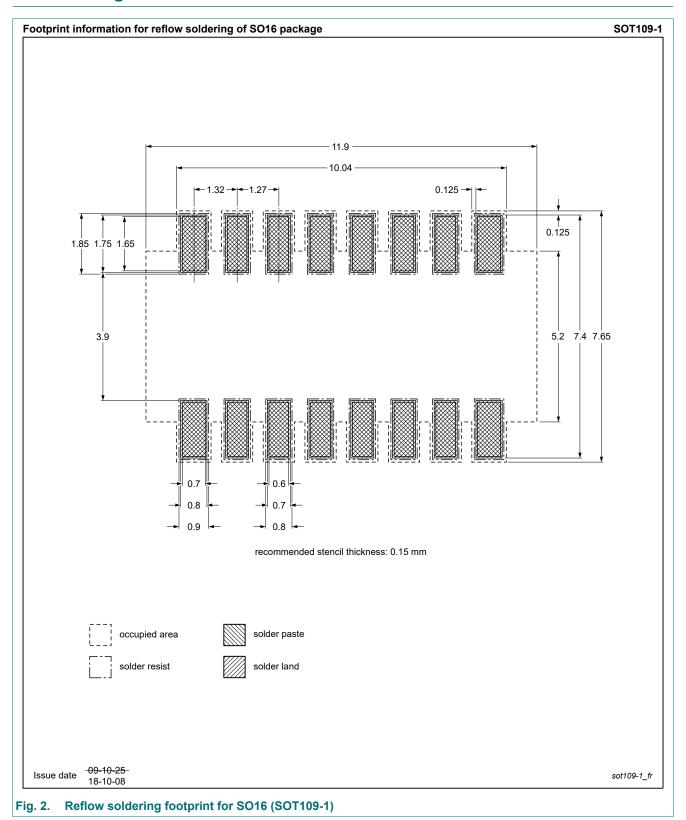
99-12-27

03-02-19

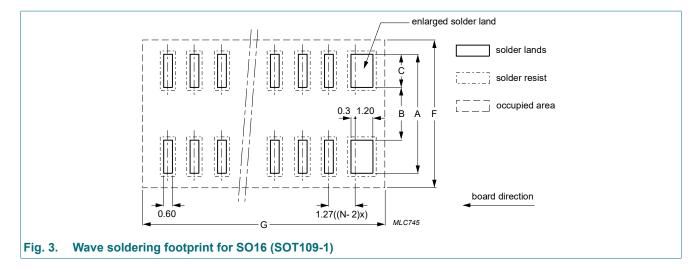
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# 3. Soldering



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# **Contents**

1.	Package summary	1
2.	Package outline	2
3.	Soldering	3
4.	Legal information	5

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