

SOT403-1

plastic, thin shrink small outline package; 16 leads; 0.65 mm pitch, 5 mm x 4.4 mm x 1.1 mm body

10 December 2019

Package information

1 Package summary

Terminal position code	D (double)
Package type descriptive code	TSSOP16
Package style descriptive code	TSSOP (thin shrink small outline package)
Package body material type	P (plastic)
JEDEC package outline code	MO-153
Mounting method type	S (surface mount)
Issue date	10-12-2019
Manufacturer package code	SOT403-1

Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	4.9	5	5.1	mm
package width	4.3	4.4	4.5	mm
seated height	-	-	1.1	mm
package height	0.8	0.9	0.95	mm
nominal pitch	-	0.65	-	mm
actual quantity of termination	-	16	-	



plastic, thin shrink small outline package; 16 leads; 0.65 mm pitch, 5 mm x 4.4 mm body

2 Package outline

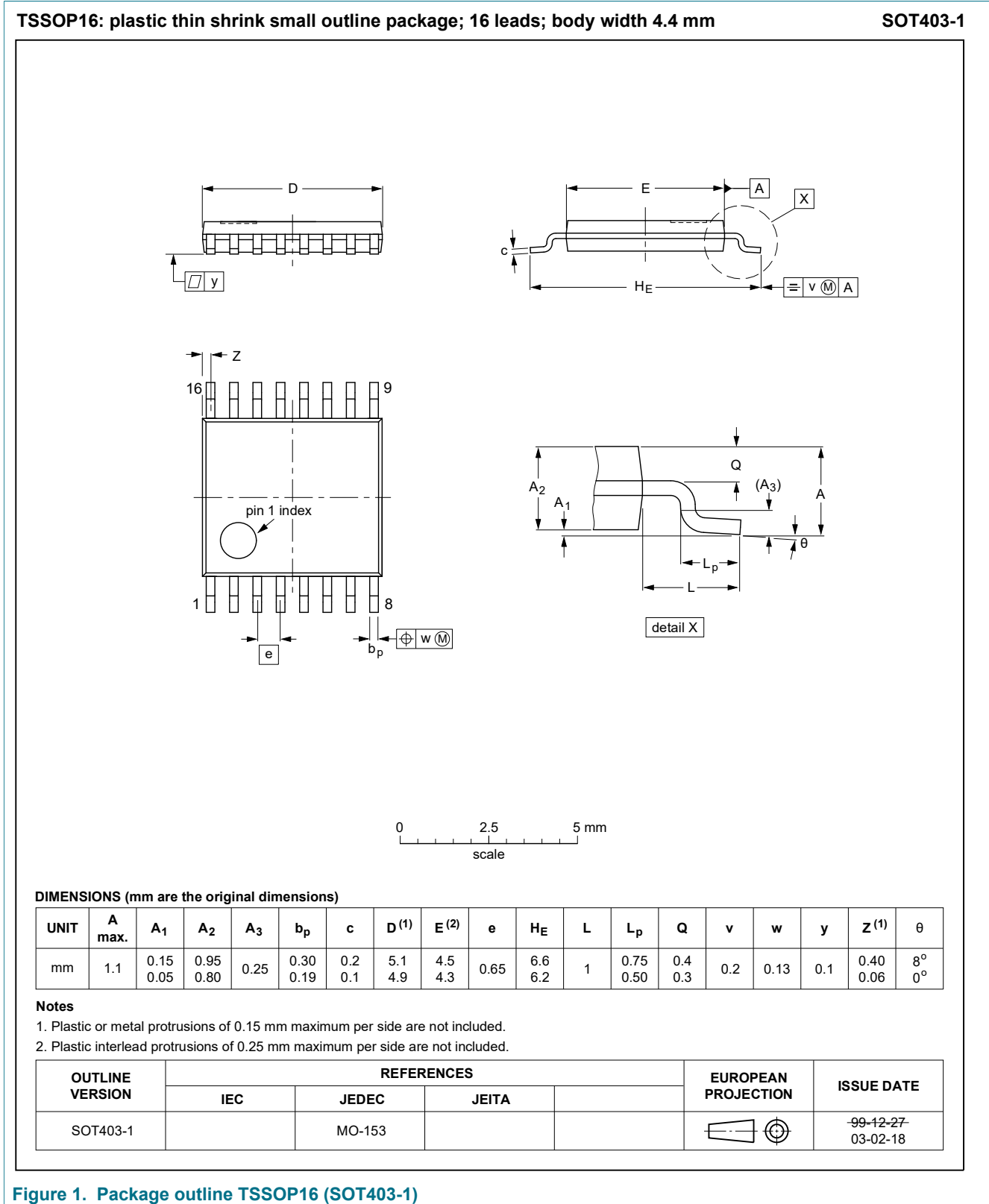
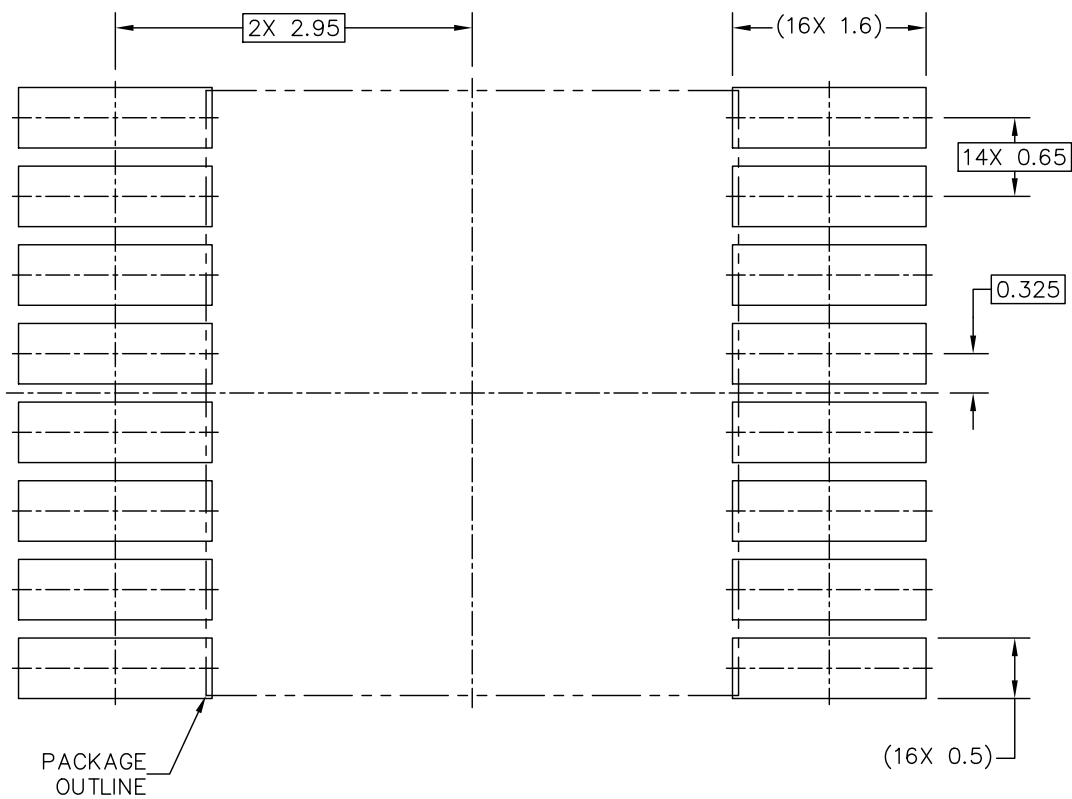


Figure 1. Package outline TSSOP16 (SOT403-1)

3 Soldering

PDSO-G-16 I/O
4.4 X 5 X 1.1 PKG, 0.65 PITCH

SOT403-1



PCB DESIGN GUIDELINES – SOLDER MASK OPENING PATTERN

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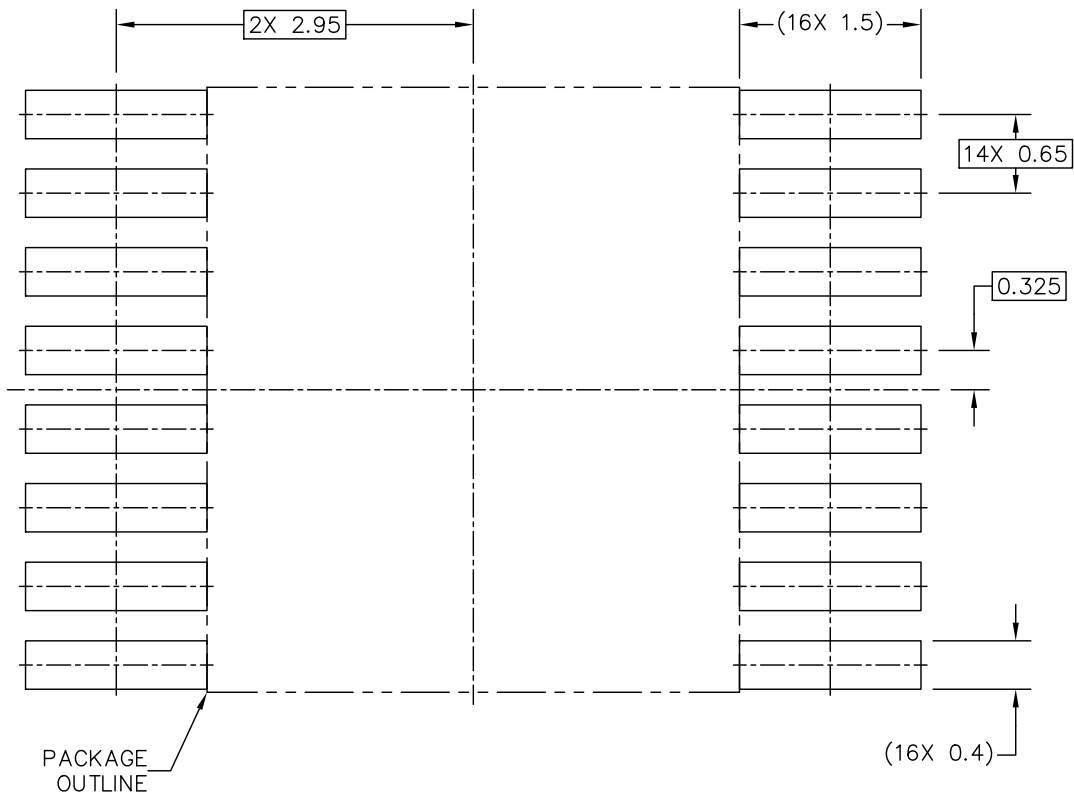
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Figure 2. Reflow soldering footprint part1 for TSSOP16 (SOT403-1)

plastic, thin shrink small outline package; 16 leads; 0.65 mm pitch, 5 mm x 4.4 mm x 1.1 mm body

PDSO-G-16 I/O
4.4 X 5 X 1.1 PKG, 0.65 PITCH

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PCB DESIGN GUIDELINES – I/O PADS AND SOLDERABLE AREA

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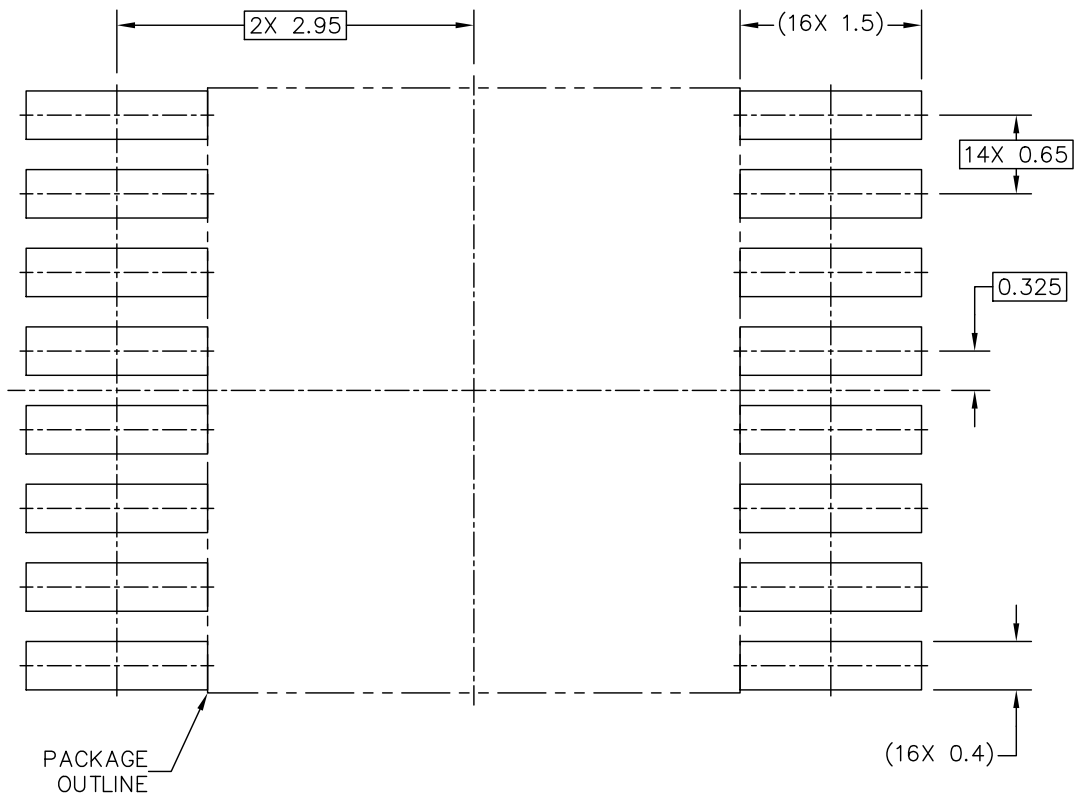
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Figure 3. Reflow soldering footprint part2 for TSSOP16 (SOT403-1)

plastic, thin shrink small outline package; 16 leads; 0.65 mm pitch, 5 mm x 4.4 mm x 1.1 mm body

PDSO-G-16 I/O
4.4 X 5 X 1.1 PKG, 0.65 PITCH

SOT403-1



RECOMMENDED STENCIL THICKNESS 0.125 OR 0.150

PCB DESIGN GUIDELINES – SOLDER PASTE STENCIL

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Figure 4. Reflow soldering footprint part3 for TSSOP16 (SOT403-1)

4 Legal information

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