

TFBAG48, plastic thin fine-pitch ball grid array package; 48 balls, 0.5 mm pitch, 4.5 mm x 4.5 mm x 0.8 mm body

20 September 2017 Package information

# 1. Package summary

Terminal position code B (bottom)

Package type descriptive code TFBGA48

Package type industry code TFBGA48

Package style descriptive code TFBGA (thin fine-pitch ball grid array)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date27-11-2009Manufacturer package codeSOT1155-1

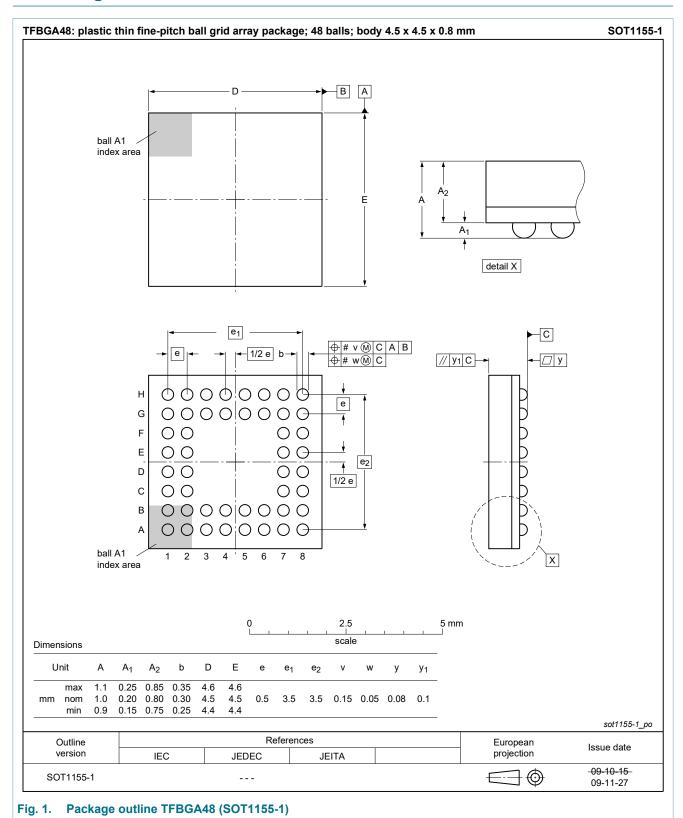
#### **Table 1. Package summary**

Symbol	Parameter	Min	Тур	Nom	Max	Unit
D	package length	4.4	-	4.5	4.6	mm
E	package width	4.4	-	4.5	4.6	mm
Α	seated height	0.9	-	1	1.1	mm
A <sub>2</sub>	package height	0.75	-	0.8	0.85	mm
е	nominal pitch	-	-	0.5	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	48	-	A/A



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## 2. Package outline



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## 3. Soldering

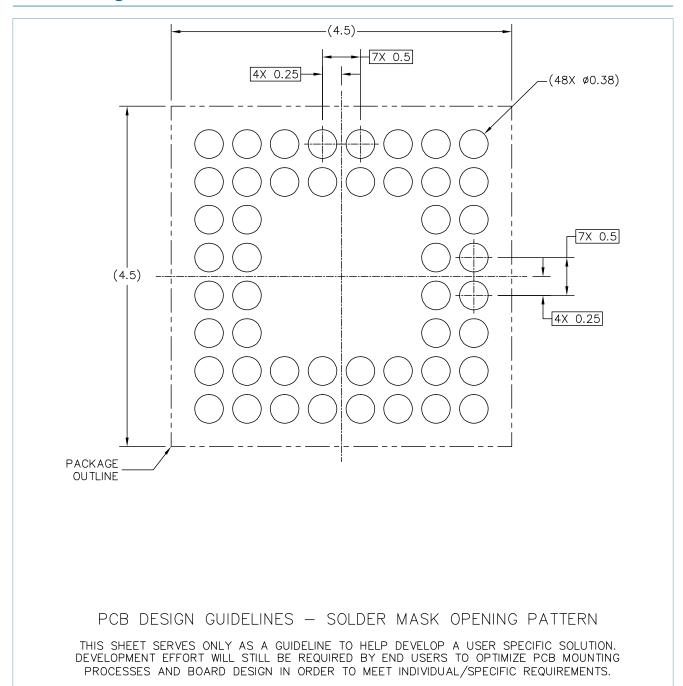


Fig. 2. Reflow soldering footprint for TFBGA48 (SOT1155-1)

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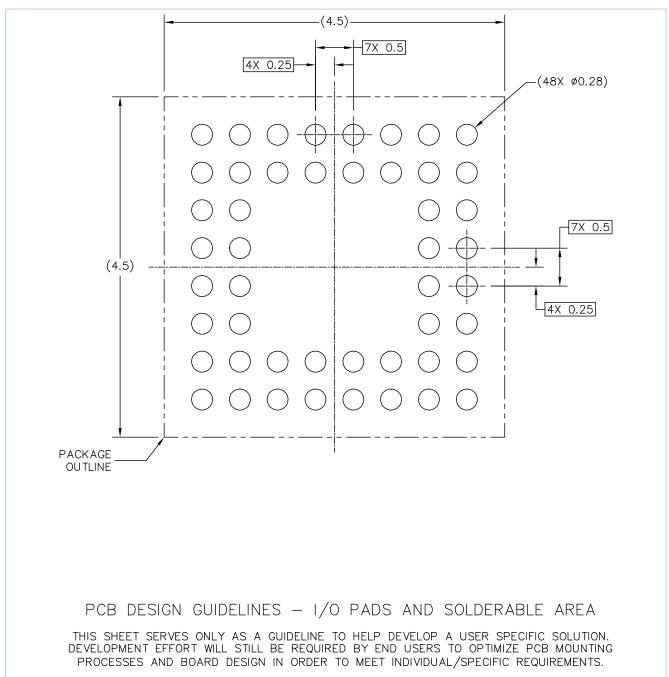


Fig. 3. Reflow soldering footprint (part 2) for TFBGA48 (SOT1155-1)

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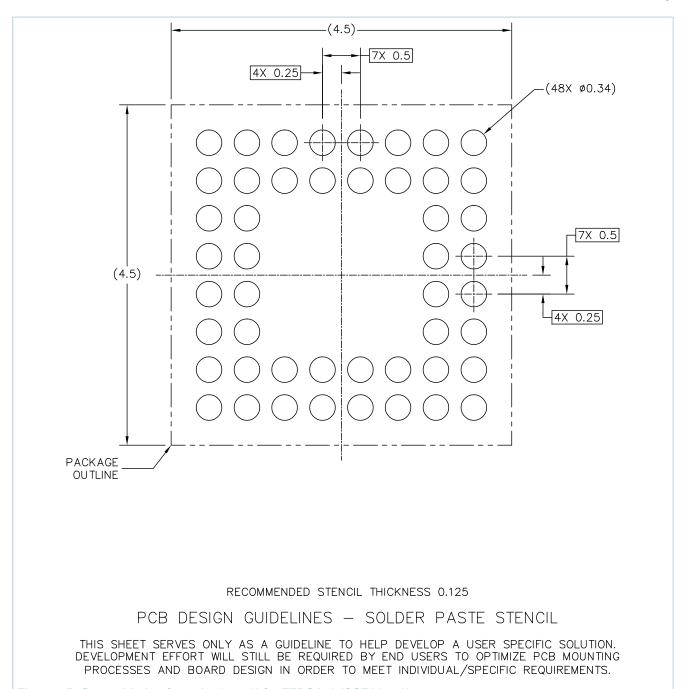


Fig. 4. Reflow soldering footprint (part 3) for TFBGA48 (SOT1155-1)

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