

SOT587-1

plastic ball grid array package; 596 balls; body 40 x 40 x 1.75 mm

8 February 2016

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	BGA596
Package type industry code	BGA596
Package style descriptive code	BGA (ball grid array)
Package style suffix code	NA (not applicable)
Package body material type	P (plastic)
IEC package outline code	144E
JEDEC package outline code	MS-034
Mounting method type	S (surface mount)
Issue date	23-1-2003

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	39.8	-	40	40.2	mm
E	package width	39.8	-	40	40.2	mm
A	seated height	[tbd]	-	2.54	2.54	mm
A ₂	package height	1.55	-	1.75	1.91	mm
n ₂	actual quantity of termination	-	-	596	-	



2. Package outline

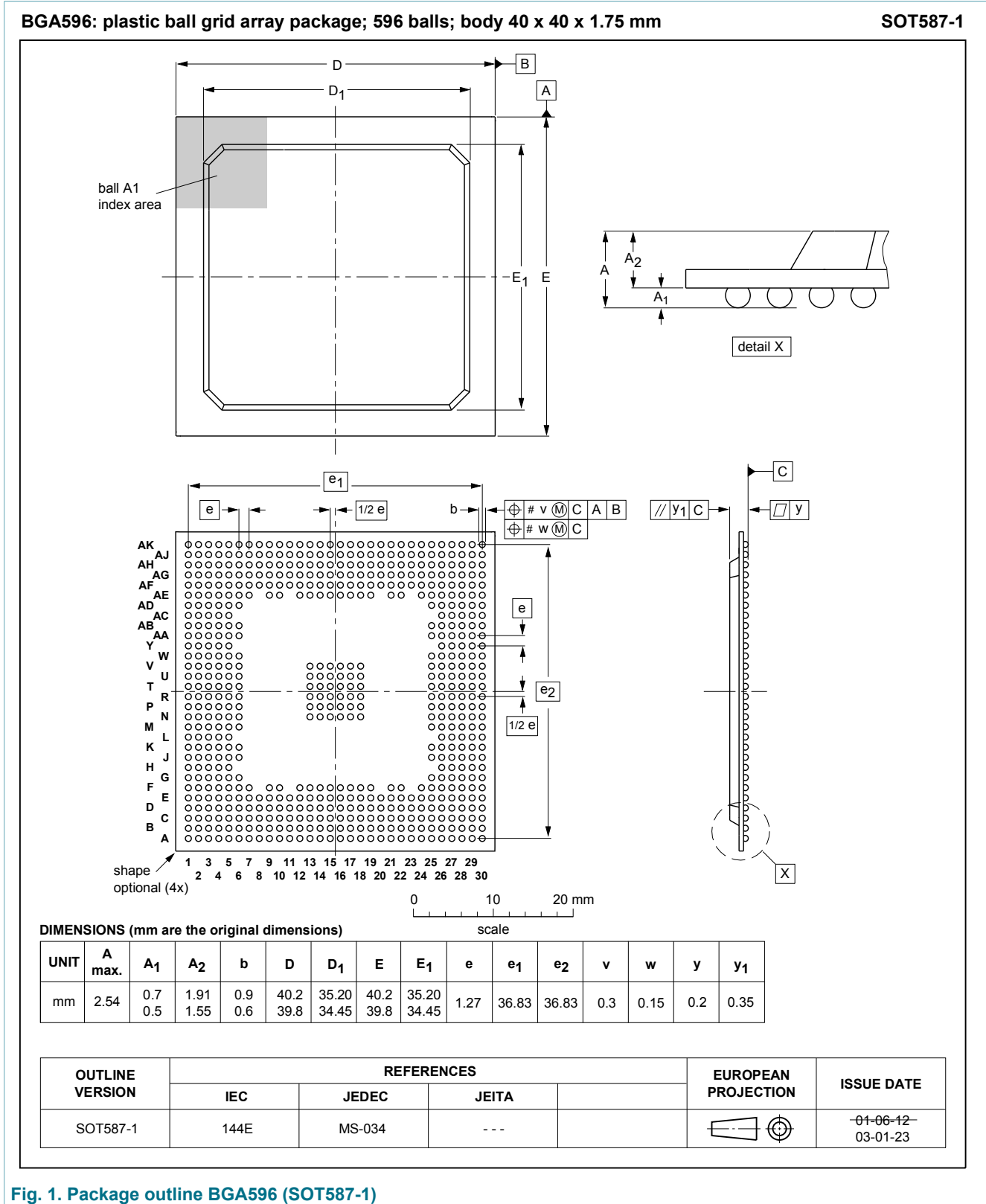


Fig. 1. Package outline BGA596 (SOT587-1)

3. Soldering

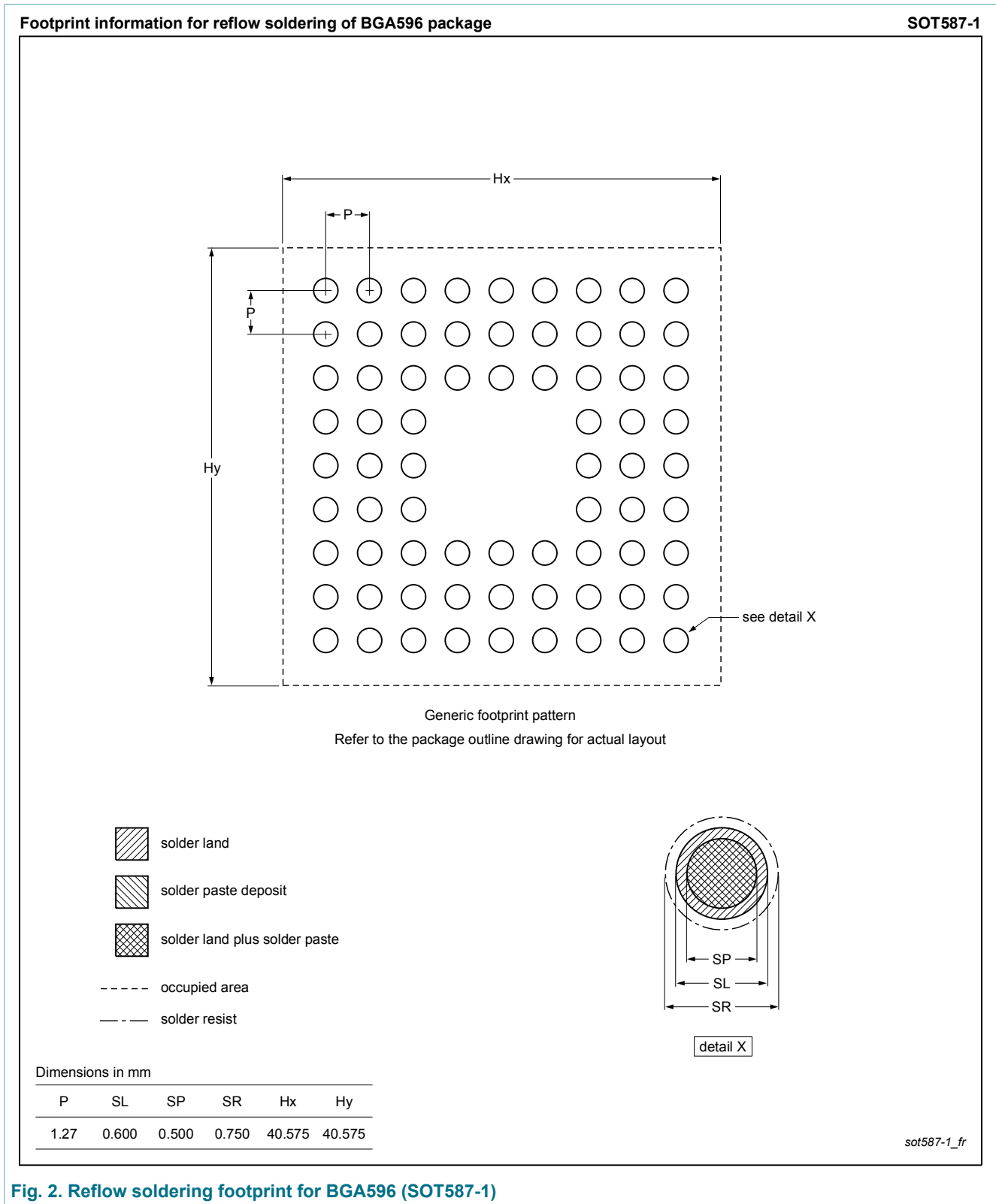


Fig. 2. Reflow soldering footprint for BGA596 (SOT587-1)

4. Legal information

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