SOT505-1

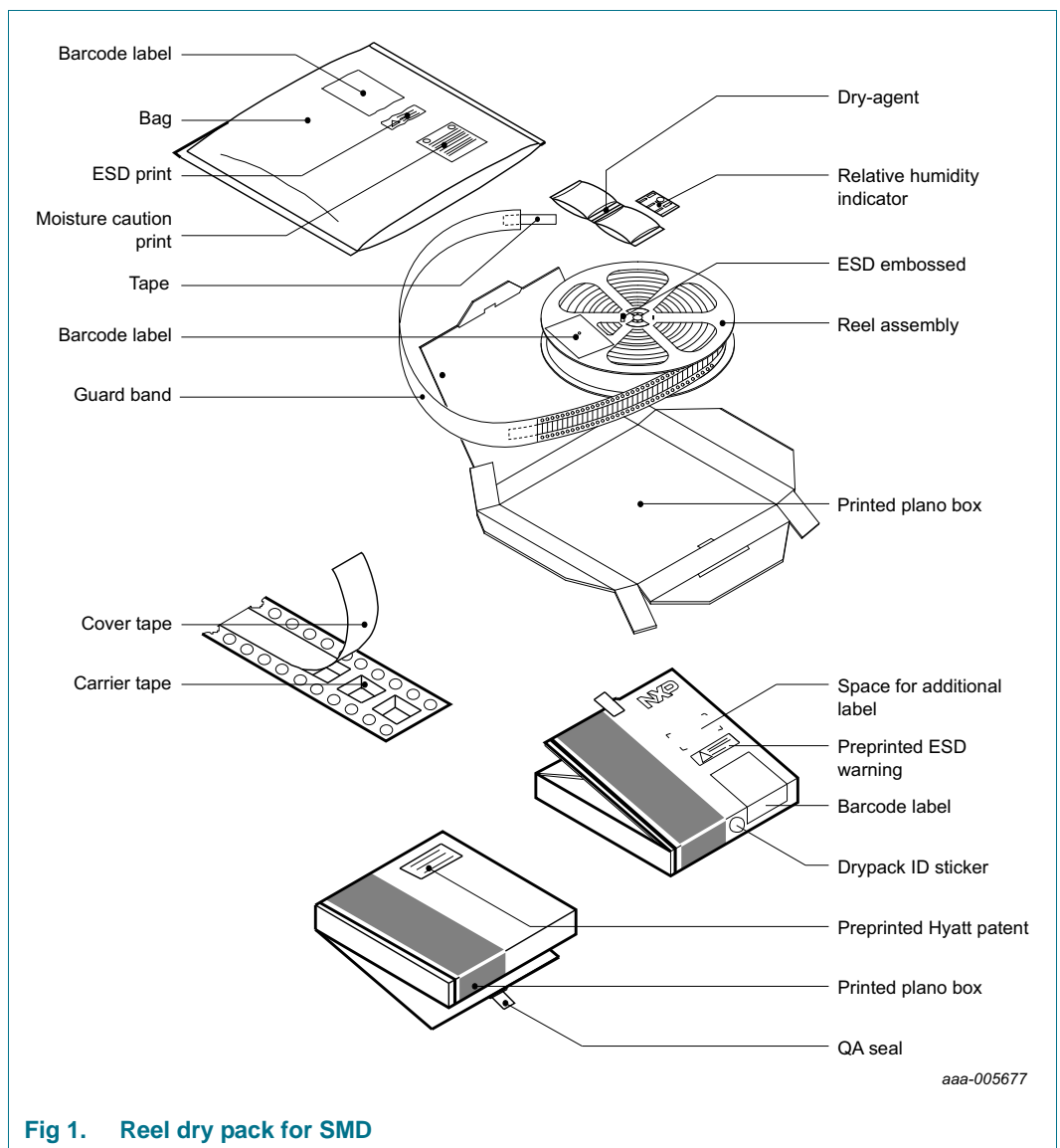**TSSOP8; Reel dry pack, SMD, 13"**
Q1/T1 standard product orientation
Orderable part number ending ,518 or Y
Ordering code (12NC) ending 518

Rev. 1 — 2 February 2015

1. Packing method

Barcode label
Bag
ESD print
Moisture caution print
Tape
Barcode label
Guard band
Dry-agent
Relative humidity indicator
ESD embossed
Reel assembly
Printed plano box
Cover tape
Carrier tape
Space for additional label
Preprinted ESD warning
Barcode label
Drypack ID sticker
Preprinted Hyatt patent
Printed plano box
QA seal

aaa-005677

Fig 1.   Reel dry pack for SMD

TSSOP8; Reel dry pack, SMD, 13"
Q1/T1 standard product orientation
Orderable part number ending ,518 or Y
Ordering code (12NC) ending 518
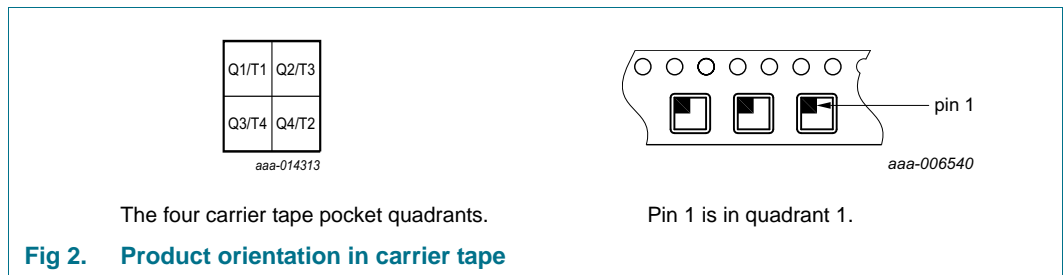
Table 1.   Dimensions and quantities

Reel dimensions d × w (mm) [1]	SPQ/PQ (pcs) [2]	Reels per box	Outer box dimensions l × w × h (mm)
330 × 12	2500	1	339 × 337 × 36

[1]   d = reel diameter; w = tape width.

[2]   Packing quantity dependent on specific product type.

View ordering and availability details at NXP order portal, or contact your local NXP representative.
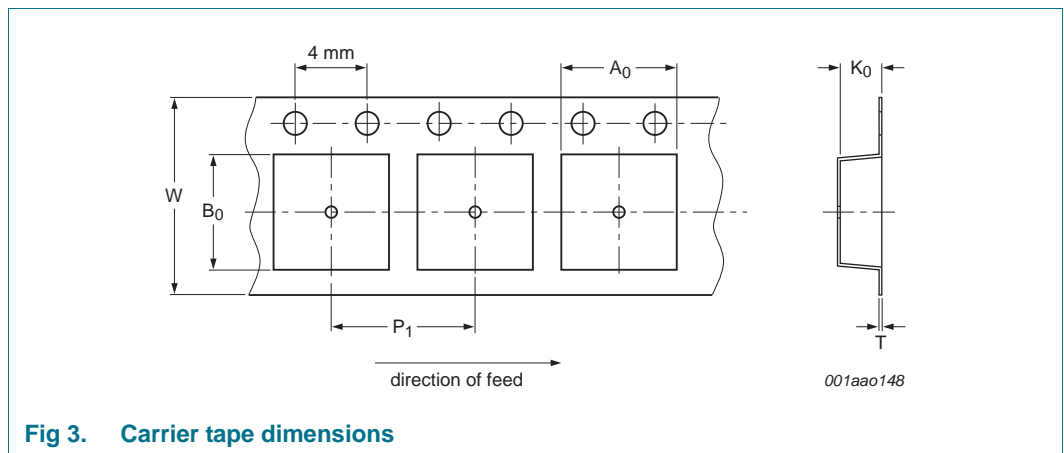
2. Product orientation

The four carrier tape pocket quadrants.   Pin 1 is in quadrant 1.

Fig 2.   Product orientation in carrier tape

3. Carrier tape dimensions

Fig 3.   Carrier tape dimensions

Table 2.   Carrier tape dimensions
In accordance with IEC 60286-3.

A_0 (mm)	B_0 (mm)	K_0 (mm)	T (mm)	P_1 (mm)	W (mm)
5.3	3.3	1.6	-	8	12

TSSOP8; Reel dry pack, SMD, 13"
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4. Reel dimensions

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Fig 4. **Schematic view of reel**

Table 3. **Reel dimensions**
In accordance with IEC 60286-3.

A [nom] (mm)	W2 [max] (mm)	B [min] (mm)	C [min] (mm)	D [min] (mm)
330	18.4	1.5	12.8	20.2

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Packing information

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TSSOP8; Reel dry pack, SMD, 13"
Q1/T1 standard product orientation
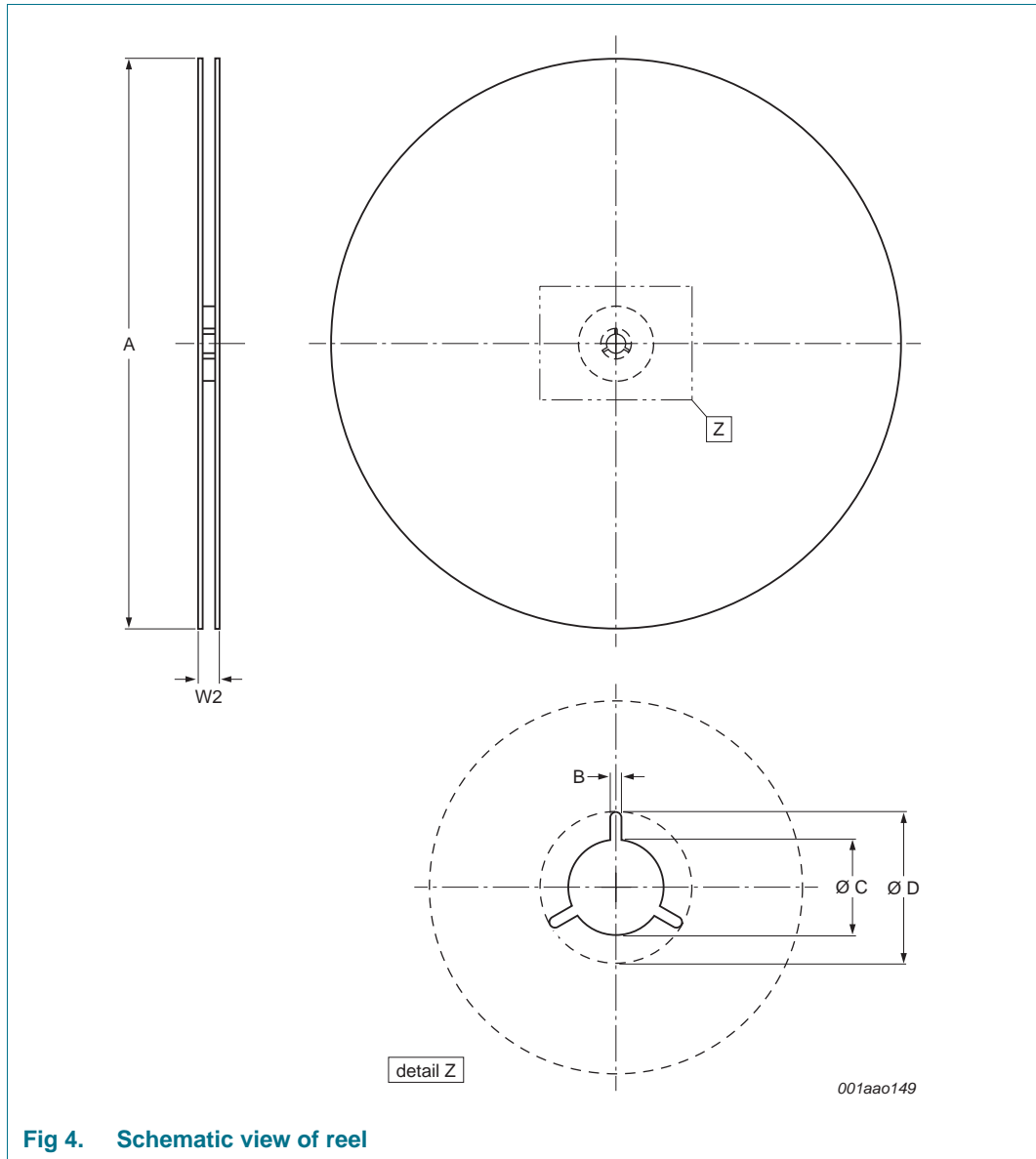Orderable part number ending ,518 or Y
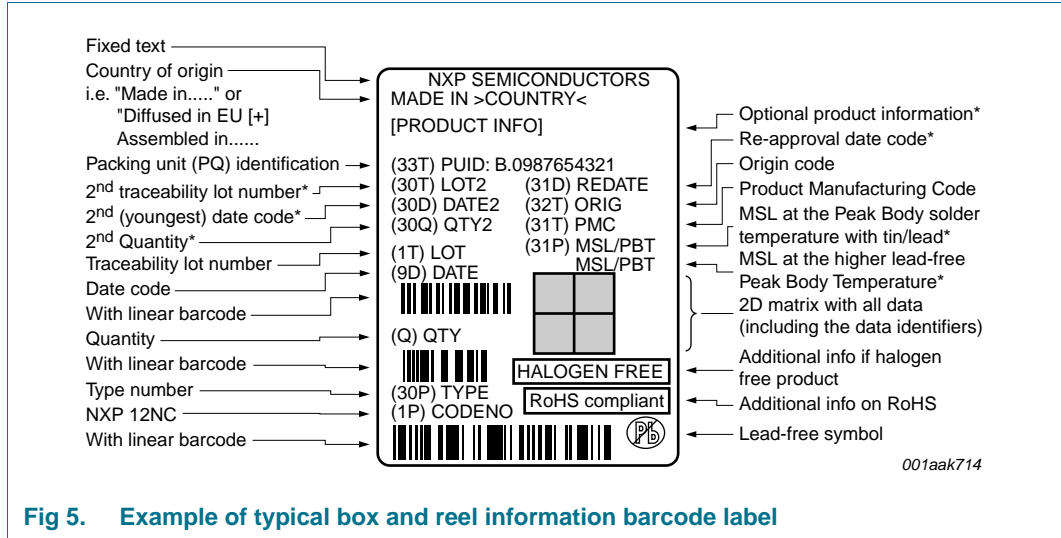Ordering code (12NC) ending 518

5. Barcode label

Fixed text
Country of origin
i.e. "Made in....." or
    "Diffused in EU [+]
    Assembled in......
Packing unit (PQ) identification
2nd traceability lot number*
2nd (youngest) date code*
2nd Quantity*
Traceability lot number
Date code
With linear barcode
Quantity
With linear barcode
Type number
NXP 12NC
With linear barcode

NXP SEMICONDUCTORS
MADE IN >COUNTRY<
[PRODUCT INFO]

(33T) PUID: B.0987654321
(30T) LOT2   (31D) REDATE
(30D) DATE2   (32T) ORIG
(30Q) QTY2   (31T) PMC
                  (31P) MSL/PBT
(1T) LOT   MSL/PBT
(9D) DATE

(Q) QTY

(30P) TYPE
(1P) CODENO

HALOGEN FREE
RoHS compliant

Optional product information*
Re-approval date code*
Origin code
Product Manufacturing Code
MSL at the Peak Body solder
temperature with tin/lead*
MSL at the higher lead-free
Peak Body Temperature*
2D matrix with all data
(including the data identifiers)
Additional info if halogen
free product
Additional info on RoHS
Lead-free symbol

001aak714

Fig 5.   Example of typical box and reel information barcode label

Table 4.   Barcode label dimensions

Box barcode label l × w (mm)	Reel barcode label l × w (mm)
100 × 75	100 × 75

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6. Revision history

Table 5.   Revision history

Document ID	Release date	Packing document status	Change notice	Supersedes
SOT505-1_518	20150202	Packing information	-	-

For more information, please visit: http://www.nxp.com
For sales office addresses, please send an email to: salesaddresses@nxp.com

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