nexperia

Important notice

Dear Customer,

On 7 February 2017 the former NXP Standard Product business became a new company with the tradename **Nexperia**. Nexperia is an industry leading supplier of Discrete, Logic and PowerMOS semiconductors with its focus on the automotive, industrial, computing, consumer and wearable application markets

In data sheets and application notes which still contain NXP or Philips Semiconductors references, use the references to Nexperia, as shown below.

Instead of http://www.nxp.com, http://www.philips.com/ or http://www.semiconductors.philips.com/, use **http://www.nexperia.com**

Instead of sales.addresses@www.nxp.com or sales.addresses@www.semiconductors.philips.com, use **salesaddresses@nexperia.com** (email)

Replace the copyright notice at the bottom of each page or elsewhere in the document, depending on the version, as shown below:
- © NXP N.V. (year). All rights reserved or © Koninklijke Philips Electronics N.V. (year). All rights reserved
Should be replaced with:
- **© Nexperia B.V. (year). All rights reserved**.

If you have any questions related to the data sheet, please contact our nearest sales office via e-mail or telephone (details via **salesaddresses@nexperia.com**). Thank you for your cooperation and understanding,

Kind regards,

Team Nexperia

PACKAGE   : SOT833

LASER MARKING

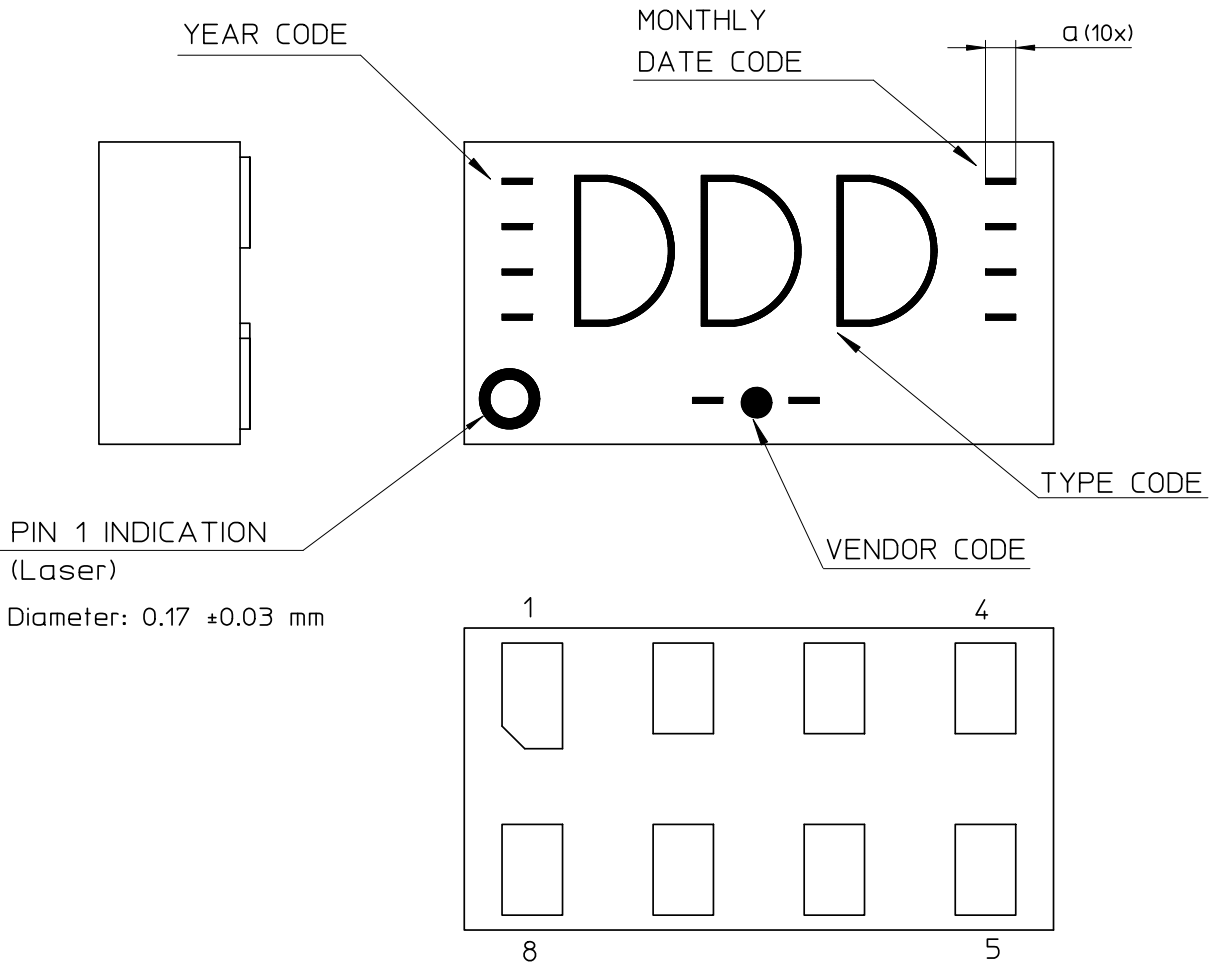TYPE CODE   : Height 0.30 - 0.50 mm   (DIN 6776 condensed type)
                           3 characters, plus orientation pad mark.
                           no crossing of lines allowed for all characters and marks

CHARACTER SET   : 0 to 9
                           A-Z without I,O

YEAR CODE   : code see sheet 2

MONTHLY DATE CODE   : code see sheet 2

VENDOR CODE   :   ⊏⊐⊐ ⊏⊐⊐   means APG
                             ⊏⊐⊐ ● ⊏⊐⊐   means APM
                             ▬   ⊏⊐⊐   means APHK
                             ▬   ▬   means APB

YEAR CODE

MONTHLY DATE CODE

a (10x)

PIN 1 INDICATION
(Laser)
Diameter: 0.17 ±0.03 mm

VENDOR CODE

TYPE CODE

1   4

8   5

	SOT833		4312 256 00130		2009-05-15
					2012-03-02
					2012-07-06
					2012-08-03

| Name: KM Tai | DWG No.: EH1940 | 2 | 180 | – | 1 | 010 | – – – | A 4 |
| PV | Check : | Dat.: 2005-08-05 | (c) | NXP Semiconductors / TCC | | | | |

YEAR CODE

Last Digit of calendar year	YEAR CODE
0	▬ ▭ ▭ ▭
1	▭ ▭ ▭ ▬
2	▭ ▭ ▬ ▭
3	▭ ▭ ▬ ▬
4	▭ ▬ ▭ ▭
5	▭ ▬ ▭ ▭
6	▭ ▬ ▬ ▭
7	▭ ▬ ▬ ▬
8	▬ ▭ ▭ ▭
9	▬ ▭ ▭ ▬

MONTHLY DATE CODE

MONTH	MONTHLY DATE CODE
JAN	▭ ▭ ▭ ▬
FEB	▭ ▭ ▬ ▭
MAR	▭ ▭ ▬ ▬
APR	▭ ▬ ▭ ▭
MAY	▭ ▬ ▭ ▭
JUNE	▭ ▬ ▬ ▭
JULY	▭ ▬ ▬ ▬
AUG	▬ ▭ ▭ ▭
SEP	▬ ▭ ▭ ▬
OCT	▬ ▭ ▬ ▭
NOV	▬ ▭ ▬ ▬
DEC	▬ ▬ ▭ ▭

	SOT833			4312 256 00130		2009-05-15
						2012-03-02
						2012-07-06
						2012-08-03

Name: KM Tai	DWG No.: EH1940	2	180 – 2	010	- - -	A 4
PV	Check :	Dat.: 2005-08-05	(c) NXP Semiconductors / TCC			