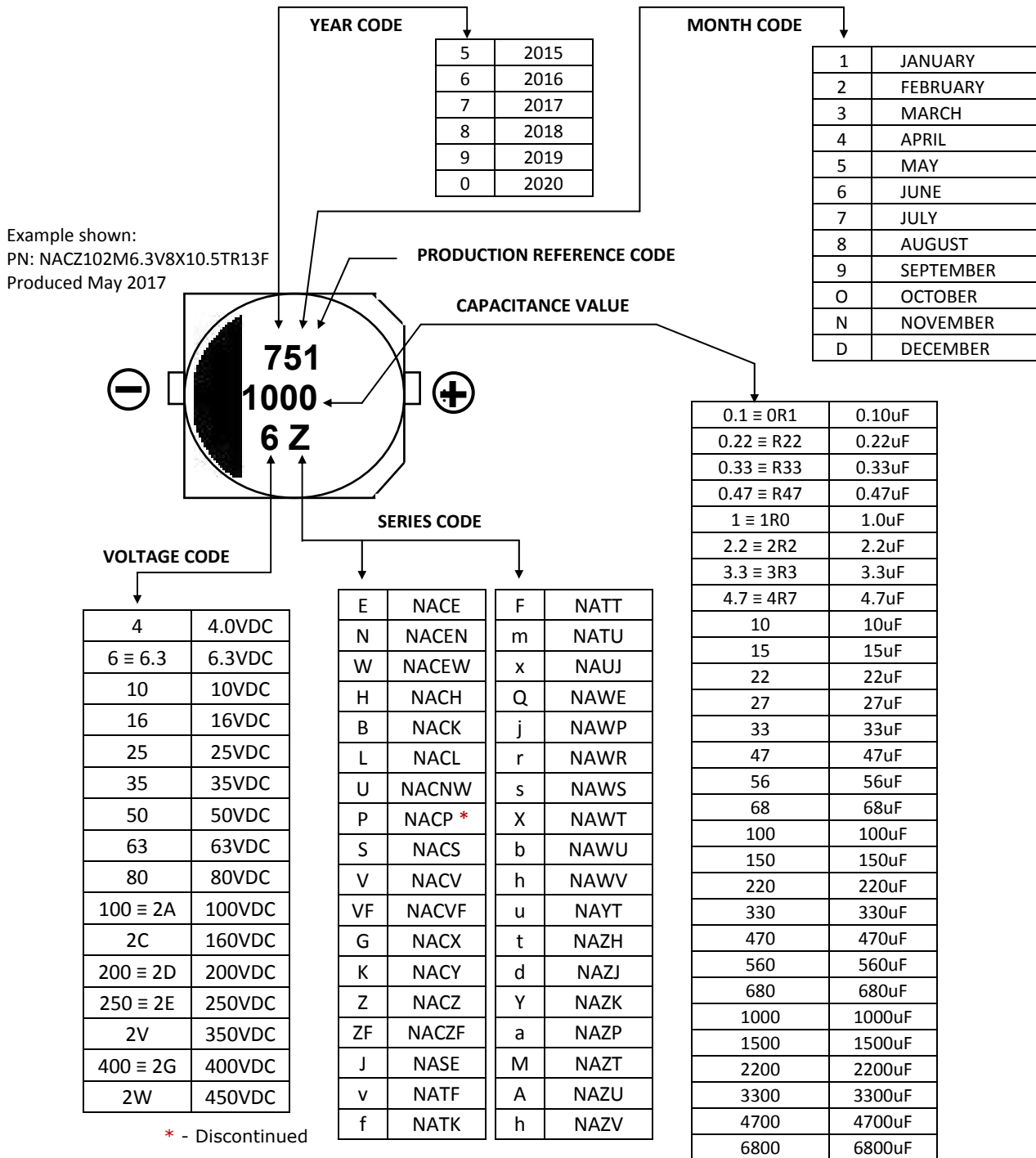


COMPONENT MARKING GUIDE
SMT VERTICAL CAN ($\geq 4\text{mm } \varnothing$ diameter) LIQUID ELECTROLYTE ALUMINUM ELECTROLYTIC CAPACITORS

(MARKING SYSTEM EFFECTIVE OCTOBER 1999)



Hybrid Construction - NSPE-xx Series Marking Guideline

Sept 2017

Series	Series Code	Marking color	Series	Series Code	Marking color	Series	Series Code	Marking color
NSPE-H	H	Blue	NSPE-S	S	Blue	NSPE-TJ	X	Blue
NSPE-HF	G	Blue	NSPE-T	T	Blue	NSPE-TZ	R	Blue
NSPE-HZ	z (small)	Blue	NSPE-TC	C	Blue	NSPE-Y	Y	Blue
NSPE-J	J	Blue	NSPE-TF	J	Blue	NSPE-YJ	M	Blue

Date Code: Two-Digit "YM"

production year	production month
1: 2011	1: January
2: 2012	2: February
3: 2013	3: March
4: 2014	4: April
5: 2015	5: May
6: 2016	6: June
7: 2017	7: July
8: 2018	8: August
9: 2019	9: September
0: 2020	O: October
	N: November
	D: December

Indicating with the last digit of a year.

Hybrid Construction - NSPE-xx Series Marking Guideline

Sept 2017

	Black	Date Code																													
NSPE-A	<p>Capacitance: 33 Series: EZA Rated Voltage: E:25V, V:35V, H:50V, J:63V, K:80V Date Code</p>	<p>Marking with 3 digits</p> <table border="1"> <tr> <td>6</td> <td>A</td> <td>9</td> </tr> </table> <p>Indicating that the product was produced in Sep. 2016, under a line A.</p> <p>month(1 to 9 and O for October, N for November, D for December) line code in alphabet (A to Z) last number of year(2016=6)</p> <table border="1"> <thead> <tr> <th>production year</th> <th>production month</th> </tr> </thead> <tbody> <tr><td>1: 2011</td><td>1: January</td></tr> <tr><td>2: 2012</td><td>2: February</td></tr> <tr><td>3: 2013</td><td>3: March</td></tr> <tr><td>4: 2014</td><td>4: April</td></tr> <tr><td>5: 2015</td><td>5: May</td></tr> <tr><td>6: 2016</td><td>6: June</td></tr> <tr><td>7: 2017</td><td>7: July</td></tr> <tr><td>8: 2018</td><td>8: August</td></tr> <tr><td>9: 2019</td><td>9: September</td></tr> <tr><td>0: 2020</td><td>0: October</td></tr> <tr><td></td><td>N: November</td></tr> <tr><td></td><td>D: December</td></tr> </tbody> </table> <p>Indicating with the last digit of a year.</p>	6	A	9	production year	production month	1: 2011	1: January	2: 2012	2: February	3: 2013	3: March	4: 2014	4: April	5: 2015	5: May	6: 2016	6: June	7: 2017	7: July	8: 2018	8: August	9: 2019	9: September	0: 2020	0: October		N: November		D: December
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NSPE-Z	<p>Capacitance: 33 Series: EZC Rated Voltage: E:25V, V:35V, H:50V, J:63V Date Code</p>																														