

# BOURNS® Date Code Summary

Date Codes for Bourns® products are explained below.

## Trimpot® Products (Trimmers, Switches, Modular Contacts and Linear Motion Potentiometers)

- 4-Digit Date Code**..... - First two digits indicate year of manufacture;  
 - Last two digits indicate week of manufacture;  
 - 5th digit is suffix for manufacturing location:  
*C = Costa Rica T = Taiwan*  
*M = Mexico*  
Example:  
 1808C = Manufactured in 2018, week 8, Costa Rica
- If the part number requires an “LF” suffix, a zero is added to indicate RoHS compliance:  
Example:  
 1808C0 = Manufactured in 2018, week 8, Costa Rica, RoHS compliant
- 3-Digit Date Code**..... - First digit indicates year of manufacture;  
 - Last two digits indicate week of manufacture;  
 - 4th digit is suffix for manufacturing location:  
*C = Costa Rica T = Taiwan*  
*M = Mexico*  
Example:  
 821C = Manufactured in 2018, week 21, Costa Rica
- If the part number requires an “LF” suffix, a zero is added to indicate RoHS compliance:  
Example:  
 821C0 = Manufactured in 2018, week 21, Costa Rica, RoHS compliant
- 2-Digit Date Code**..... - First digit indicates year of manufacture;  
 - Second digit indicates month of manufacture  
Example:  
 8F = Manufactured in 2018, month of May
- 1-Digit Date Code**..... - Alpha character A~Z and a~z in a four year cycle  
Example:  
 A + a = January, odd years  
 N + n = January, even years
- Open Frame Trimmer Date Code**..... - First four digits indicate the year of manufacture;  
 - The next two digits indicate the month of manufacture;  
 - The last two digits indicate the day of manufacture  
Example:  
 20200324 = Manufactured on March 24th, 2020

### 2-Digit / 3-Digit / 4-Digit Date Code Table

Year 2018	Month	2-Digit Date Code	3-Digit Date Code	4-Digit Date Code
Jan		8A	801	1801
Feb		8B	805	1805
Mar		8C	809	1809
Apr		8E	814	1814
May		8F	818	1818
Jun		8G	822	1822
Jul		8H	827	1827
Aug		8J	831	1831
Sep		8N	835	1835
Oct		8P	840	1840
Nov		8S	844	1844
Dec		8T	848	1848

### 1-Digit Date Code Table

Month	2013, 2017, 2021, 2025, 2029	2014, 2018, 2022, 2026, 2030	2015, 2019, 2023, 2027, 2031	2016, 2020, 2024, 2028, 2032
Jan	A	N	a	n
Feb	B	P	b	p
Mar	C	Q	c	q
Apr	D	R	d	r
May	E	S	e	s
Jun	F	T	f	t
Jul	G	U	g	u
Aug	H	V	h	v
Sep	J	W	j	w
Oct	K	X	k	x
Nov	L	Y	l	y
Dec	M	Z	m	z

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# BOURNS® Date Code Summary

## Sensors & Controls Products (Panel Controls, Precision Potentiometers, Encoders)

**4-Digit Date Code**..... - First two digits indicate year of manufacture;  
- Next two digits indicate week of manufacture;  
- Last alpha character indicates manufacturing location:  
*M = Bourns de Mexico (Tijuana Plant)*  
*X = Bourns de Mexico (CLM Plant)*

Example:

0832X = Manufactured in 2008, week 32, CLM Plant

## R & RC Network Products (Thin Film)

**4-Digit Date Code**..... - First two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:

0832 = Manufactured in 2008, week 32

## R & RC Network Products (Thick Film)

**4-Digit Date Code**..... - First alpha character indicates plant of manufacture:  
*C = Costa Rica*  
- First two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:

C0832 = Manufactured in Costa Rica, 2008, week 32

## Chip Resistors & Arrays

**4-Digit Date Code (Model CAT10)**..... - First digit indicates year of manufacture;  
- Last three digits indicate day of manufacture

Example:

9197 = Manufactured in 2009, day 197

**4-Digit Date Code (All Other Models)**..... - First two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:

0832 = Manufactured in 2008, week 32

**3-Digit Date Code**..... - First alpha character indicates manufacturer traceability prefix;  
- Second digit indicates year of manufacture;  
- Last two digits indicate week of manufacture

Example:

R825 = Manufacturer traceability code, Manufactured in 2008, week 25

## GDTs & Outside Plant Products

**4-Digit Date Code**..... - First two digits indicate month of manufacture;  
- Last two digits indicate year of manufacture

Example:

0708 = Manufactured in July, 2008

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# BOURNS® Date Code Summary

## Multifuse® PTC Resettable Fuses

<b>4-Digit Date Code</b> .....	- First digit indicates year of manufacture; - Next three digits indicate Julian date of manufacture; - Last alpha character is suffix for manufacturing location: <i>S = Xiamen, China</i>
	<u>Example:</u> 8180S = Manufactured in 2018, day 180, Xiamen, China
<b>2-Digit Date Code (except MF-xSMF, -SMDF, -xSML &amp; -xSHT)</b>	
Week 1-26 Format:.....	- First digit indicates year of manufacture; - Second digit indicates week of manufacture; - Third alpha character is suffix for manufacturing location: <i>S = Xiamen, China</i>
	<u>Example:</u> 8ES = Manufactured in 2018, week 5, Xiamen, China
Week 27-52 Format:.....	- First digit indicates week of manufacture; - Second digit indicates year of manufacture; - Third alpha character is suffix for manufacturing location: <i>S = Xiamen, China</i>
	<u>Example:</u> M8S = Manufactured in 2018, week 39, Xiamen, China
<b>2-Digit Date Code (MF-xSMF, -SMDF, -xSML &amp; -xSHT)</b>	
Week 1-26 Format:.....	- First digit indicates year of manufacture; - Second digit indicates week of manufacture; - Third alpha character is suffix for manufacturing location: <i>S = Xiamen, China</i>
	<u>Example:</u> 8KS = Manufactured in 2018, week 21/22, Xiamen, China
Week 27-52 Format:.....	- First digit indicates week of manufacture; - Second digit indicates year of manufacture; - Third alpha character is suffix for manufacturing location: <i>S = Xiamen, China</i>
	<u>Example:</u> 8PS = Manufactured in 2018, week 31/32, Xiamen, China
<b>2-Digit / 4-Digit Date Code Table</b> .....	See next page

# BOURNS® Date Code Summary

## Multifuse® PTC Resettable Fuses

### 2-Digit / 4-Digit Date Code Table

Year 2018 Week No.	Date Code 2-Digit	Date Code 2-Digit (MF-xSMF, -SMDF, -xSML & -xSHT)	Date Code 4-Digit
1	8A	8A	8005
2	8B	8A	8012
3	8C	8B	8019
4	8D	8B	8026
5	8E	8C	8033
6	8F	8C	8040
7	8G	8D	8047
8	8H	8D	8054
9	8I	8E	8061
10	8J	8E	8068
11	8K	8F	8075
12	8L	8F	8082
13	8M	8G	8089
14	8N	8G	8096
15	8O	8H	8103
16	8P	8H	8110
17	8Q	8I	8117
18	8R	8I	8124
19	8S	8J	8131
20	8T	8J	8138
21	8U	8K	8145
22	8V	8K	8152
23	8W	8L	8159
24	8X	8L	8166
25	8Y	8M	8173
26	8Z	8M	8180

Year 2018 Week No.	Date Code 2-Digit	Date Code 2-Digit (MF-xSMF, -SMDF, -xSML & -xSHT)	Date Code 4-Digit
27	A8	8N	8187
28	B8	8N	8194
29	C8	8O	8201
30	D8	8O	8208
31	E8	8P	8215
32	F8	8P	8222
33	G8	8Q	8229
34	H8	8Q	8236
35	I8	8R	8243
36	J8	8R	8250
37	K8	8S	8257
38	L8	8S	8264
39	M8	8T	8271
40	N8	8T	8278
41	O8	8U	8285
42	P8	8U	8292
43	Q8	8V	8299
44	R8	8V	8306
45	S8	8W	8313
46	T8	8W	8320
47	U8	8X	8327
48	V8	8X	8334
49	W8	8Y	8341
50	X8	8Y	8348
51	Y8	8Z	8355
52	Z8	8Z	8362

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# **BOURNS®** Date Code Summary

## **Transformers**

**4-Digit Date Code**..... - First two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:

0810 = Manufactured in 2008, week 10

For Model Series: 2-, 3-, 4-, DLxxxx, LMxxxx, SMxxxx,  
PT3xx, PT5xx, PT6xx, PT7xxxx, DRxxx, HDxxx .....

Marking on labels and units.

## **Inductors**

**4-Digit Date Code**..... - First two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:

0824 = Manufactured in 2008, week 24

For Model Series: Clxxxx, CSxxxx, MAxx .....

Marking on labels only.

**2-Digit Date Code**..... Lot number includes many digits but only first two  
digits indicate Date Code  
- First digit indicates year of manufacture;  
- Second digit indicates month of manufacture:  
*1-9 = January to September*  
*O = October*  
*N = November*  
*D = December*

Examples:

L13xxxxxxxxxx = Manufactured in 2008, month of  
March

L8Dxxxxxxxxxx = Manufactured in 2008, month of  
December

For Model Series: CM32, CM25, CM20, CM16, CM10 .....

Marking on labels only.

**8-Digit Date Code**..... - First four digits indicate year of manufacture;  
- Next two digits indicate month of manufacture;  
- Last two digits indicate day of manufacture

Example:

2008/02/17 = Manufactured in 2008, February 17th

For Model Series: MHxx, MTxx, MGxx, MUxx, MZxx, CM45, CWxx .....

Marking on labels only.

**Mixed Date Code**..... - First alpha characters indicate month of manufacture;  
- Next two digits indicate day of manufacture;  
- Last two digits indicate year of manufacture

Example:

Feb 21, 08 = Manufactured on February 21, 2008

For Model Series: SDRxxxx, SRRxxxx, SRTxxxx .....

Marking on labels only.

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# BOURNS® Date Code Summary

## TISP® Thyristor Surge Protectors (PDIP & SIP Package Types)

- 3-Digit Date Code** + Lot Trace Code and Country of Origin Code (LLP) ..... - First two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture;  
- A two digit lot traceability code (LL) is used. When combined with the part number, the trade code must identify the source wafer lot. A code letter "P" is used for the country of origin:  
(P = Philippines)

Example:

824LLP = Manufactured in 2008, week 24,  
Lot Trace Code, Philippines

## TISP® Thyristor Surge Protectors (SOIC Package Types)

- 4-Digit Date Code** + Lot Trace Code (LL) ..... - First digit indicates year of manufacture;  
- Last two digits indicate week of manufacture;  
- An alpha character indicates country of origin:  
(P = Philippines)  
- An underscore indicates copper  
- A two digit lot traceability code (LL) is used. When combined with the part number, the trace code must identify the source wafer lot.

Example:

LL  
938P = Lot Trace Code, Manufactured in 2009,  
week 38, Philippines, copper wire

## TISP® Thyristor Surge Protectors (SMBJ & SMB3 Package Types)

- 3-Digit Date Code** ..... - First digit indicates year of manufacture;  
- Last two digits indicate week of manufacture

Example:

843 = Manufactured in 2008, week 43

## TISP® Thyristor Surge Protectors (LM & LMF Package Types)

- 3-Digit Date Code** + Lot Trace Code (LLL) ..... - First digit indicates year of manufacture;  
- Next two digits indicate week of manufacture;  
- Last four digits indicate traceability of the wafer fab lot number

Example:

8220100 = Manufactured in 2008, week 22, Lot Trace Code

## Surge Line Protection Modules

- 5-Digit Date Code** ..... - First alpha character indicates location of manufacture:  
(C = Costa Rica)  
- Next two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:

C0832 = Manufactured in Costa Rica, 2008,  
week 32

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# **BOURNS®** Date Code Summary

## Hybrids

**5-Digit Date Code**..... - First alpha characters indicate location of manufacture:  
*S = Xiamen, China*  
- Next two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:  
S0832 = Manufactured in Xiamen, China, 2008, week 32

## Power Resistors

**4-Digit Date Code**..... - First two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:  
0832 = Manufactured in 2008, week 32

## RF Power Resistors

Date Codes are on the packaging only.

**6-Digit Date Code**..... - First two digits indicate year of manufacture;  
- Next two digits indicate month of manufacture;  
- Last two digits indicate day of manufacture

Example:  
081016 = Manufactured in 2008, October 16

## Diodes

**4-Digit Date Code**..... - First two digits indicate year of manufacture;  
- Last two digits indicate week of manufacture

Example:  
0832 = Manufactured in 2008, week 32

## TBU® & TCS™ High-Speed Protectors

**3-Digit Date Code + Lot Trace Code (LL)** ..... - First digit indicates year of manufacture;  
- Next two digits indicate week of manufacture;  
- Last two digits indicate lot traceability code

Example:  
53802 = Manufactured in 2015, week 38,  
Lot Trace Code

## Telefuse™ Telecom Protectors

**6-Digit Date Code**..... - First two digits indicate month of manufacture;  
- Next two digits indicate day of manufacture;  
- Last two digits indicate year of manufacture

Example:  
111711 = Manufactured in 2011, November 17

REV. 05/18

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