

BOURNS® Date Code Summary

Date Codes for Bourns® products are explained below.

Ceramic PTCs

Part Marking

2-Digit Date Code..... - First digit indicates year of manufacture;
- Next alpha character indicates week of manufacture

Example:

0G = Manufactured in 2020, week 13/14

Label Marking

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

Example:

2032 = Manufactured in 2020, week 32

Chip Resistors & Arrays

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

Example:

0197 = Manufactured in 2020, day 197

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

Example:

2032 = Manufactured in 2020, week 32

8-Digit Date Code (Model CRTxxxx)..... - First four digits indicate year of manufacture;
- Last four digits indicate the date of manufacture (MMDD)

Example:

20200624 = Manufactured in 2020, June 24th

Diodes

2-Digit Date Code..... - First digit indicates year of manufacture;
- Last digit indicates week of manufacture:

1-9 = January to September

A = October

B = November

C = December

Example:

0A = Manufactured in October, 2020

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

Example:

032 = Manufactured in 2020, week 32

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

Example:

2032 = Manufactured in 2020, week 32

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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BOURNS® Date Code Summary

GDTs & Outside Plant Products

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

Example:

0720 = Manufactured in July, 2020

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:

S2032 = Manufactured in Xiamen, China, 2020,
week 32

Inductors

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

Example:

2024 = Manufactured in 2020, 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:

L03xxxxxxxxxx = Manufactured in 2020, month of
March

L0Dxxxxxxxxxx = Manufactured in 2020, 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:

2020/02/17 = Manufactured in 2020, 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, 20 = Manufactured on February 21, 2020

For Model Series: SDRxxxx, SRRxxxx, SRTxxxx..... Marking on labels only.

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BOURNS® Date Code Summary

Multifuse® Polymer PTC Resettable Fuses

4-Digit Date Code..... - First digit indicates year of manufacture;
 - Next three digits indicate Julian date of manufacture;
 - Last alpha character is suffix for manufacturing location:
S = Xiamen, China

Example:
 0180S = Manufactured in 2020, day 180, Xiamen, China

2-Digit Date Code (except MF-xSMF, -SMDF, -xSML & -xSHT)

Week 1-26 Format..... - First digit indicates year of manufacture;
 - Second digit indicates week of manufacture;
 - Third alpha character is suffix for manufacturing location:
S = Xiamen, China

Example:
 0ES = Manufactured in 2020, 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:
S = Xiamen, China

Example:
 M0S = Manufactured in 2020, week 39, Xiamen, China

2-Digit Date Code (MF-xSMF, -SMDF, -xSML & -xSHT)

Week Format..... - First digit indicates year of manufacture;
 - Second digit indicates week of manufacture

Example:
 OK = Manufactured in 2020, week 21/22

2-Digit / 4-Digit Date Code Table

Year 2020 Week No.	Date Code 2-Digit	Date Code 2-Digit (MF-xSMF, -SMDF, -xSML & -xSHT)	Date Code 4-Digit	Year 2020 Week No.	Date Code 2-Digit	Date Code 2-Digit (MF-xSMF, -SMDF, -xSML & -xSHT)	Date Code 4-Digit
1	0A	0A	0005	27	A0	0N	0187
2	0B	0A	0012	28	B0	0N	0194
3	0C	0B	0019	29	C0	0O	0201
4	0D	0B	0026	30	D0	0O	0208
5	0E	0C	0033	31	E0	0P	0215
6	0F	0C	0040	32	F0	0P	0222
7	0G	0D	0047	33	G0	0Q	0229
8	0H	0D	0054	34	H0	0Q	0236
9	0I	0E	0061	35	I0	0R	0243
10	0J	0E	0068	36	J0	0R	0250
11	0K	0F	0075	37	K0	0S	0257
12	0L	0F	0082	38	L0	0S	0264
13	0M	0G	0089	39	M0	0T	0271
14	0N	0G	0096	40	N0	0T	0278
15	0O	0H	0103	41	O0	0U	0285
16	0P	0H	0110	42	P0	0U	0292
17	0Q	0I	0117	43	Q0	0V	0299
18	0R	0I	0124	44	R0	0V	0306
19	0S	0J	0131	45	S0	0W	0313
20	0T	0J	0138	46	T0	0W	0320
21	0U	0K	0145	47	U0	0X	0327
22	0V	0K	0152	48	V0	0X	0334
23	0W	0L	0159	49	W0	0Y	0341
24	0X	0L	0166	50	X0	0Y	0348
25	0Y	0M	0173	51	Y0	0Z	0355
26	0Z	0M	0180	52	Z0	0Z	0362

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BOURNS® Date Code Summary

Power Resistors

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

Example:

2032 = Manufactured in 2020, 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:

201016 = Manufactured in 2020, October 16

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:

2032 = Manufactured in 2020, 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:

C2032 = Manufactured in Costa Rica, 2020, week 32

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:

2032X = Manufactured in 2020, week 32, CLM Plant

SinglFuse™ SMD Fuses

Label Marking

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

Example:

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BOURNS® Date Code Summary

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:

C2032 = Manufactured in Costa Rica, 2020, 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:

03802 = Manufactured in 2020, week 38, Lot Trace Code

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

- 3-Digit Date Code + Lot Trace Code and Country of Origin Code (LLP)** - First digit indicates 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:

024LLP = Manufactured in 2020, 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
038P = Lot Trace Code, Manufactured in 2020, 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:

043 = Manufactured in 2020, week 43

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BOURNS® Date Code Summary

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:

0220100 = Manufactured in 2020, week 22, Lot Trace Code

Transformers

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

Example:

2010 = Manufactured in 2020, week 10

For Model Series: 2-, 3-, 4-, DLxxxx, LMxxxxx, SMxxxxx,

PT3xx, PT5xx, PT6xx, PT7xxxx, DRxxx, HDxxx Marking on labels and units.

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:

2008C = Manufactured in 2020, week 8, Costa Rica

- If the part number requires an "LF" suffix, a zero is added to indicate RoHS compliancy:

Example:

2008C0 = Manufactured in 2020, 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:

021C = Manufactured in 2020, week 21, Costa Rica

- If the part number requires an "LF" suffix, a zero is added to indicate RoHS compliancy:

Example:

021C0 = Manufactured in 2020, week 21, Costa Rica, RoHS compliant

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BOURNS® Date Code Summary

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

2-Digit Date Code..... - First digit indicates year of manufacture;
 - Second digit indicates month of manufacture

Example:

0F = Manufactured in 2020, 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 2020 Month	2-Digit Date Code	3-Digit Date Code	4-Digit Date Code
Jan	0A	001	2001
Feb	0B	005	2005
Mar	0C	009	2009
Apr	0E	014	2014
May	0F	018	2018
Jun	0G	022	2022
Jul	0H	027	2027
Aug	0J	031	2031
Sep	0N	035	2035
Oct	0P	040	2040
Nov	0S	044	2044
Dec	0T	048	2048

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

1-Digit Date Code Table (Model PVG3)

Month	2017, 2019, 2021, 2023, 2025	2018, 2020, 2022, 2024, 2026
Jan	A	N
Feb	B	P
Mar	C	Q
Apr	D	R
May	E	S
Jun	F	T
Jul	G	U
Aug	H	V
Sep	J	W
Oct	K	X
Nov	L	Y
Dec	M	Z

REV. 08/20

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