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:
1G = Manufactured in 2021, week 13/14

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

Example:
2132 = Manufactured in 2021, 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:
1197 = Manufactured in 2021, day 197

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

Example:
2132 = Manufactured in 2021, 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:
20210624 = Manufactured in 2021, 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:
1A = Manufactured in October, 2021

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

Example:
132 = Manufactured in 2021, week 32

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

Example:
2132 = Manufactured in 2021, week 32

BOURNS® Date Code Summary

GDTs, MOVs & Outside Plant Products

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

Example:
071 = Manufactured in week 7, 2021

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

Example:
0721 = Manufactured in July, 2021

For Model Series: GDT25 & 2011, 2017, 2018, 2019 w/FLAT® Technology....
- First two digits indicate week of manufacture;
- Last two digits indicate year of manufacture

Example:
0721 = Manufactured in week 7, 2021

For Model Series: IsoMOV, GMOV ....
- First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:
2107 = Manufactured in week 7, 2021

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:
S2132 = Manufactured in Xiamen, China, 2021, week 32

Inductors

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

Example:
2124 = Manufactured in 2021, week 24

For Model Series: CIxxxx, 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:
L13xxxxxxxxx = Manufactured in 2021, month of March
L1Dxxxxxxxxx = Manufactured in 2021, month of December

For Model Series: CM32, CM25, CM20, CM16, CM10....................................Marking on labels only.

Inductors (Continued)

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:
2021/02/17 = Manufactured in 2021, 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, 21 = Manufactured on February 21, 2021

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

Multifuse® Polymer PTC Resettable Fuses

This Date Code Summary pertains to packaging labels. Part marking specifications can be found on individual model family data sheets.

4-Digit Date Code.. - First digit indicates year of manufacture;
- Next three digits indicate Julian date of manufacture

Example:
1180 = Manufactured in 2021, day 180

2-Digit Date Code (Type A)
   (Excluding MF-SMDF Series and
   Model Families MF-_SMF, MF-_SML/X & MF-_SHT)
      Week 1-26 Format:.. - First digit indicates year of manufacture;
- Second digit indicates week of manufacture

Example:
1E = Manufactured in 2021, week 5

      Week 27-52 Format:... - First digit indicates week of manufacture;
- Second digit indicates year of manufacture

Example:
M1 = Manufactured in 2021, week 39

2-Digit Date Code (Type B)
   (MF-SMDF Series and
   Model Families MF-_SMF, MF-_SML/X & MF-_SHT)
      Week Format:.. - First digit indicates year of manufacture;
- Second digit indicates fortnight (two weeks) of manufacture

Example:
1K = Manufactured in 2021, week 21/22

1-Digit Manufacturing Code.. - Placed at the end of date code in some series

Example:
S = China

Multifuse® Polymer PTC Resettable Fuses (Continued)

2-Digit / 4-Digit Date Code Table

Year 2021 Week No.	2-Digit Date Code (Type A)	2-Digit Date Code (Type B)	4-Digit Date Code	Year 2021 Week No.	2-Digit Date Code (Type A)	2-Digit Date Code (Type B)	4-Digit Date Code
1	1A	1A	1005	27	A1	1N	1187
2	1B	1A	1012	28	B1	1N	1194
3	1C	1B	1019	29	C1	1O	1201
4	1D	1B	1026	30	D1	1O	1208
5	1E	1C	1033	31	E1	1P	1215
6	1F	1C	1040	32	F1	1P	1222
7	1G	1D	1047	33	G1	1Q	1229
8	1H	1D	1054	34	H1	1Q	1236
9	1I	1E	1061	35	I1	1R	1243
10	1J	1E	1068	36	J1	1R	1250
11	1K	1F	1075	37	K1	1S	1257
12	1L	1F	1082	38	L1	1S	1264
13	1M	1G	1089	39	M1	1T	1271
14	1N	1G	1096	40	N1	1T	1278
15	1O	1H	1103	41	O1	1U	1285
16	1P	1H	1110	42	P1	1U	1292
17	1Q	1I	1117	43	Q1	1V	1299
18	1R	1I	1124	44	R1	1V	1306
19	1S	1J	1131	45	S1	1W	1313
20	1T	1J	1138	46	T1	1W	1320
21	1U	1K	1145	47	U1	1X	1327
22	1V	1K	1152	48	V1	1X	1334
23	1W	1L	1159	49	W1	1Y	1341
24	1X	1L	1166	50	X1	1Y	1348
25	1Y	1M	1173	51	Y1	1Z	1355
26	1Z	1M	1180	52	Z1	1Z	1362

Power Resistors

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

Example:
2132 = Manufactured in 2021, 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:
211016 = Manufactured in 2021, 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:
2132 = Manufactured in 2021, 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

<u>Example:</u>
C2132 = Manufactured in Costa Rica, 2021, 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)

<u>Example:</u>
2132X = Manufactured in 2021, 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

<u>Example:</u>
2132 = Manufactured in 2021, week 32

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

<u>Example:</u>
C2132 = Manufactured in Costa Rica, 2021, 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

<u>Example:</u>
13802 = Manufactured in 2021, 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 = Philippnes)

Example:
124LLP = Manufactured in 2021, 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 = Philippnes)
- 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
138P = Lot Trace Code, Manufactured in 2021, 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:
143 = Manufactured in 2021, 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:
1220100 = Manufactured in 2021, 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:
2110 = Manufactured in 2021, 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:
2108C = Manufactured in 2021, week 8, Costa Rica

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

Example:
2108C0 = Manufactured in 2021, 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:
121C = Manufactured in 2021, week 21, Costa Rica

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

Example:
121C0 = Manufactured in 2021, week 21, Costa Rica, RoHS compliant

Modular Contact Example:
121 = Manufactured in 2021, week 21, Taiwan, RoHS compliant

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

Example:
1F = Manufactured in 2021, 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:
20210324 = Manufactured on March 24th, 2021

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

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

Year 2021 Month	2-Digit Date Code	3-Digit Date Code	4-Digit Date Code
Jan	1A	101	2101
Feb	1B	105	2105
Mar	1C	109	2109
Apr	1E	114	2114
May	1F	118	2118
Jun	1G	122	2122
Jul	1H	127	2127
Aug	1J	131	2131
Sep	1N	135	2135
Oct	1P	140	2140
Nov	1S	144	2144
Dec	1T	148	2148

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

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