Bourns® Date Codes Summary

Please find the Date Code explanation for the different Product Lines.

Product Line: Trimpot ®
including 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, G = Ireland, M = Mexico, T = Taiwan

example: 0808C = 2008, week-# 8, C = Costa Rica

3-Digit date code: - first digit indicates year of manufacture
- last two digits indicate week of manufacture

example: 821 = 2008, week 21

2-Digit date code: - first digit indicates year of manufacture
- second digit indicates month of manufacture

example: 8F = 2008, May

2-Digit / 3-Digit / 4-Digit Date Code Example Schedule

Year **2008** Month	Date Code 2-Digit	Date Code 3-Digit	Date Code 4-Digit
Jan	8A	801	0801
Feb	8B	805	0805
Mar	8C	809	0809
Apr	8O	814	0814
May	8F	818	0818
Jun	8G	822	0822
Jul	8H	827	0827
Aug	8J	831	0831
Sep	8N	835	0835
Oct	8P	840	0840
Nov	8S	844	0844
Dec	8T	848	0848

1-Digit date code: - alphabetic digit A~Z and a ~ z in a four years cycle

example: A + a = January, odd years
            N + n = January, even years

1-Digit Date Code Schedule

Month \ Years	2005 2009 2013 2017	2006 2010 2014 2018	2007 2011 2015 2019	2008 2012 2016 2020
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

Product Line: Sensors & Controls

Includes Panel Controls, Precision Potentiometers, Encoders

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

example: 0832X
            08 = 2008
            32 = week 32
            X = Bourns® de Mexico (CLM plant)

            M= Bourns® de Mexico (Tijuana plant)

Product Line: (Thinfilm) R & RC Networks

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4-Digit date code: - first two digits indicate year of manufacture
                         - last two digits indicate week of manufacture

   example: 0832 = 2008, week 32

Product Line: (Thickfilm) R & RC Networks

4-Digit date code: - first alpha character indicates plant of manufature
                         - first two digits indicate year of manufacture
                         - last two digits indicate week of manufacture

   example: C0832 =2008, week 32
              C= Costa Rica

Product Line: Chip Resistors & Arrays

4-Digit date code: - first two digits indicate year of manufacture
                         - last two digits indicate week of manufacture

   example: 0832 = 2008, week 32

3-Digit date code: DC code starts with manufacturer traceability prefix ("R")
                         - second digit indicates year of manufacture
                         - third and fourth digits indicate week of manufacture

   examples: R825

              R = Manufacturer traceability
              8 = year 2008
              25 = week 25

Product Line: GDT's & Telecom Products

4-Digit date code: - first two digits indicate month of manufacture
                         - last two digits indicate year of manufacture

   example: 0708 = July, 2008

Product Line: Multifuse®

4-Digit date code: - first digit indicates year of manufacture
- last three digits indicate Julian Date of manufacture
- fifth digit for plant indication

example: 8180T
8 = year 2008
180 = 180th day
S = Xiamen China plant

2-Digit date code: - first digit indicates year of manufacture
- second digit indicates week of manufacture
- *starting with week # 27 order of the first two digits changes to week then year*
- third digit for plant indication

(wk 1-26 format)   (wk 27-52 format)

examples: 8ES   M1S
8 = year 2008   M = week 39
E = week 5   8 = year 2008
S = Xiamen (China)   S = Xiamen (China)

2-Digit / 4-Digit Date Code Example Schedule

Year 2008 Week-#	Date Code 2-Digit	Date Code 4-Digit	Year 2008 Week-#	Date Code 2-Digit	Date Code 4-Digit
1	8A	8001	27	A8	8183
2	8B	8008	28	B8	8190
3	8C	8015	29	C8	8197
4	8D	8022	30	D8	8204
5	8E	8029	31	E8	8211
6	8F	8036	32	F8	8218
7	8G	8043	33	G8	8225
8	8H	8050	34	H8	8232
9	8I	8057	35	I8	8239
10	8J	8064	36	J8	8246
11	8K	8071	37	K8	8253
12	8L	8078	38	L8	8260
13	8M	8085	39	M8	8267
14	8N	8092	40	N8	8274
15	8O	8099	41	O8	8281
16	8P	8106	42	P8	8288
17	8Q	8113	43	Q8	8295
18	8R	8120	44	R8	8302
19	8S	8127	45	S8	8309
20	8T	8134	46	T8	8316
21	8U	8141	47	U8	8323
22	8V	8148	48	V8	8330
23	8W	8155	49	W8	8337
24	8X	8162	50	X8	8344
25	8Y	8169	51	Y8	8351
26	8Z	8176	52	Z8	8358

Product Line: Transformers

4-Digit date code: - first two digits indicate year of manufacture
- last two digits indicate week of manufacture

example: 0810 = 2008, week 10

for Model Group: 2-, 3-, 4-
DLxxxx, LMxxxxx, SMxxxxx
PT3xx, PT5xx, PT6xx, PT7xxxx
DRxxx, HDxxx

Comment: Marking on labels and units

Product Line: Inductors

4-Digit date code: - first two digits indicate year of manufacture
- last two digits indicate week of manufacture

example: 0824 = 2008, week 24

for Model Group: CIxxxx, CSxxxx, MAxx

Comment: Marking on labels only

2-Digit date code: Lot number with many digits but just first two indicate DC
- first digit indicates year of manufacture
- second digit indicates month of manufacture:
1 - 9 = Jan. to Sept., O = Oct., N = Nov., D = Dec.

examples:

L13xxxxxxxxxx	L0Dxxxxxxxxxx
8 = year 2008	8 = 2008
3 = March	D = December

for Model Group: CM32, CM25, CM20, CM16, CM10

Comment: Marking on labels only

8-Digit date code: - first four digits indicate year of manufacture
- following two digits indicate month of manufacture
- last two digits indicate day of manufacture

example: 2008/02/17 = 2008, February 17th

for Model Group: MHxx, MTxx, MGxx, Muxx, MZxx, CM45, CWxx

Comment: Marking on labels only

Mixed data code: - written month
- day in two digits
- year in two digits

example: Feb 21, 08 = February 21st, 2008

![BOURNS logo]

for Model Group: SDRxxxxx
                    SRRxxxxx
                    SRTxxxxx

Comment: Marking on labels only

Product Line: TISP
Thyristor Surge Protectors

Package Types (PDIP) and (SIP)
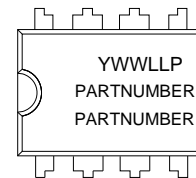
3-Digit date code: **YWW**
- first digit indicates year of manufacture
- last two digits indicate week of manufacture

example: 824 = 2008, week 24

Lot Trace Code and Country of Origin Code (LLP)
A two digit lot traceability code "LL" is used.
When combined with the part number, the trace code
must identify the source wafer lot. A code letter "P" for
the country of origin is used. (Philippines = P)

```
YWWLLP
PARTNUMBER
PARTNUMBER
```


Package Types (SOIC)
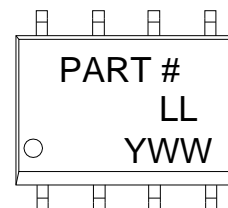
3-Digit date code: **YWW**
- first digit indicates year of manufacture
- last two digits indicate week of manufacture

example: 817 = 2008, week 17

Lot Trace Code (LL)
A two digit lot traceability code "LL" is used.
When combined with the part number, the trace
code must identify the source wafer lot.

```
PART #
    LL
○   YWW
```


Package Types SMBJ and SMB3

3-Digit date code: **YWW**
- first digit indicates year of manufacture
- last two digits indicate week of manufacture

example: 843 = 2008, week 43

```
Logo YWW
PART #
```

Package Types (LM) and (LMF)
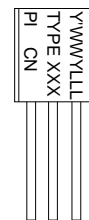
3-Digit date code: **YWWYLLL**
    - first digit indicates year of manufacture
    - following two digits indicate week of manufacture
    - following four digits indicate traceability
     of the wafer fab lot number

    example: 8220100

               8 = year 2008
               22 = week 22
               0100 = lot number

Product Line: Line Protection Modules

5-Digit date code: - first digits indicate plant of manufacture
                            - second two digits indicate year of manufacture

                            – last two digits indicate week of manufacture

    example: C0832 = Costa Rica , 2008, week 32

Product Line: Hybrids

5-Digit date code: - first digits indicate plant of manufacture
                            - second two digits indicate year of manufacture

                            – last two digits indicate week of manufacture

    example: S0832 = Xiamen (China) , 2008, week 32

Product Line: Power Resistors

4-Digit date code: - first two digits indicate year of manufacture
                              - second two digits indicate week of manufacture

    example: 0832 = 2008, week 32

Product Line: RF Power Resistors

Date Codes are on the packaging only:
6-Digit date code: - first two digits indicate year of manufacture
                              - second two digits indicate month of manufacture

          – last two digits indicate day of manufacture

    example: 081016 = 2008, Oct, 16

Product Line: Diodes

4-Digit date code: - first two digits indicate year of manufacture
                              - second two digits indicate week of manufacture

    example: 0832 = 2008, week 32