



## **Bourns® Date Code 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  
- 5<sup>th</sup> 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	8E	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	2006	2007	2008
	2009	2010	2011	2012
	2013	2014	2015	2016
	2017	2018	2019	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  
 - 5<sup>th</sup> 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**

**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 manufacture  
- 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

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: Clxxxx, 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.

<b>examples:</b> 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 17<sup>th</sup>

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 21<sup>st</sup>, 2008

for Model Group: SDRxxxxx  
SRRxxxxx  
SRTxxxxx

Comment: Marking on labels only

## **Product Line: TISP** **Thyristor Surge Protectors**

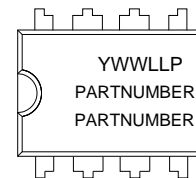
### **Package Types (PDIP) and (SIP)**

**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)



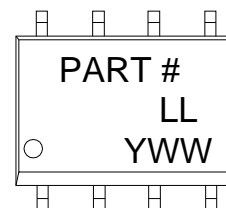
### **Package Types (SOIC)**

**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.



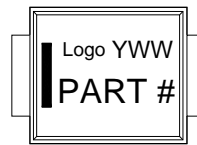


### Package Types SMBJ and SMB3

**3-Digit date code: YWW**

- first digit indicates year of manufacture
- last two digits indicate week of manufacture

example: 843 = 2008, week 43



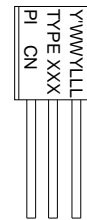
### Package Types (LM) and (LMF)

**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