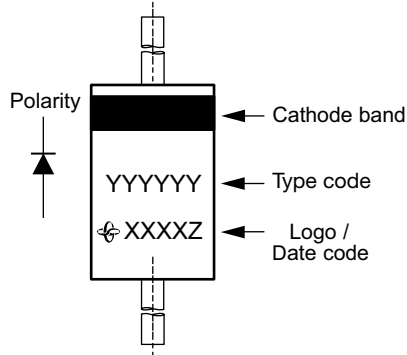


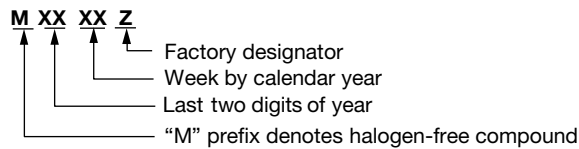
Diodes Group Body Marking

AXIAL MARKING

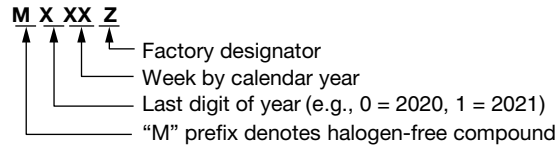
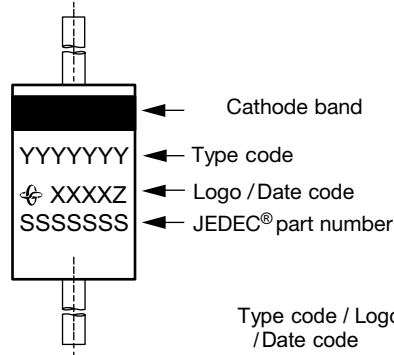
DO-41 (DO-204AL), DO-15 (DO-204AC), DO-201AD



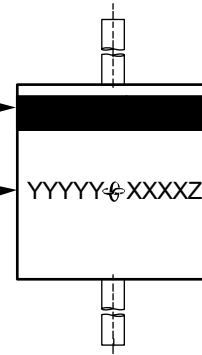
DATE CODE



1.5KE



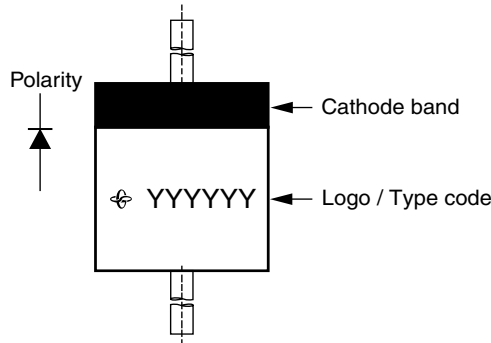
DO-15 (DO-204AC), DO-201AD, GP20, P600



Notes

- (1) No cathode band marking for TVS bidirectional type
- (2) Type code refers to individual datasheet

MPG06



PART NUMBER MARKING CODE		
TYPE	RoHS-COMPLIANT	HALOGEN-FREE
MPG06 series	MPG06A-M	M06A-M
RMPG06 series	RMPG06A-K	MR06A-K
UG06 series	UG06A-D	MUG06A-D
SB0x series	SB02-060	MSB02-060
TPMP06 series	T-10-43	MT-10-43

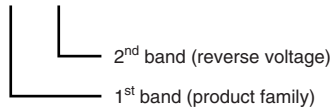
Note

- x - type code

PLASTIC MELF AND MiniMELF MARKING

1. Package: GL41 (DO-213AB)

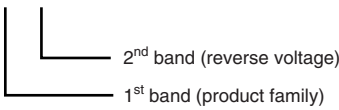
MELF
2.5 mm x 4.9 mm



TYPE	1 st BAND	2 nd BAND	
BYM10 series	white	gray: 50 V	violet: 1000 V
GL41 series	white	red: 100 V	white: 1300 V
BYM11 series	red	orange: 200 V	brown: 1600 V
RGL41 series	red	yellow: 400 V	
BYM12 series	green	green: 600 V	
EGL41 series	green	blue: 800 V	
BYM13 series	orange	gray: 20 V orange: 40 V green: 60 V	
SGL41 series	orange	red: 30 V yellow: 50 V	
TGL41-xx	blue		
ZGL41-xx	red		

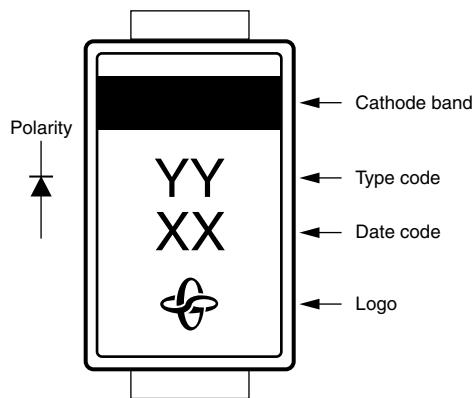
2. Package: GL34 (DO-213AA)

MiniMELF
1.6 mm x 3.5 mm

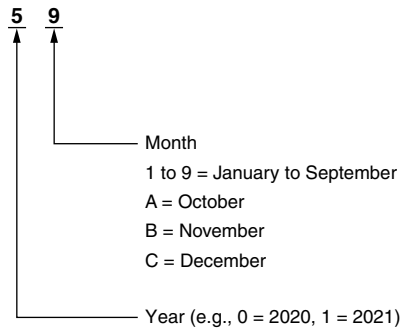


TYPE	1 st BAND	2 nd BAND	
BYM07 series	green	gray: 50 V	brown: 300 V
GL34 series	white	red: 100 V	yellow: 400 V
EGL34 series	green	pink: 150 V	green: 600 V
RGL34 series	red	orange: 200 V	blue: 800 V

GF1 (DO-214BA) MARKING



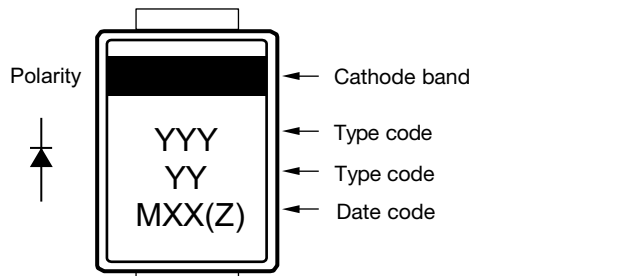
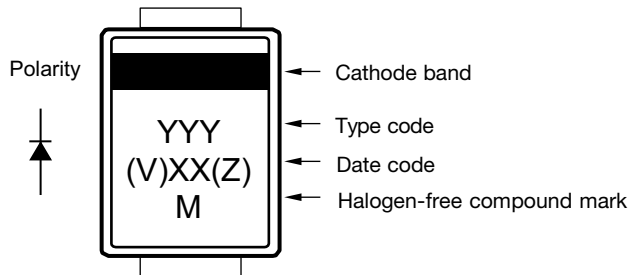
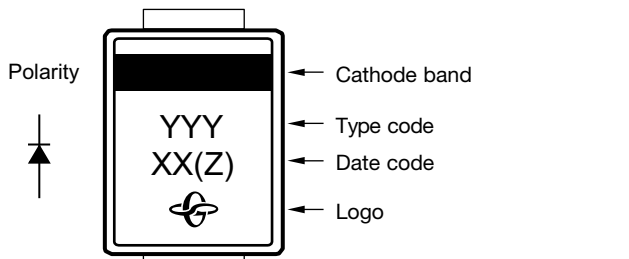
DATE CODE



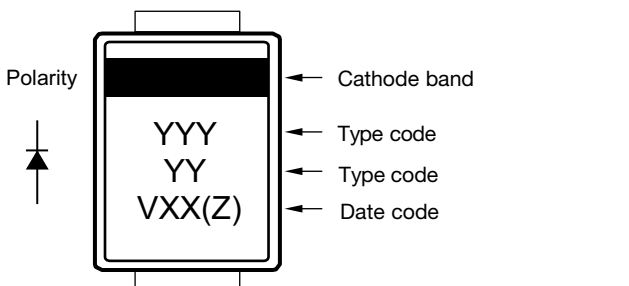
Notes

- Type code refers to individual datasheet
- Cathode band: marked with one or more lines

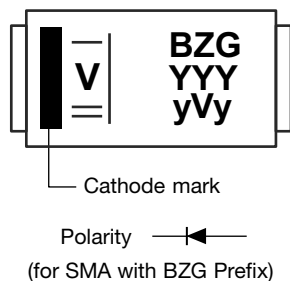
SMA (DO-214AC) MARKING



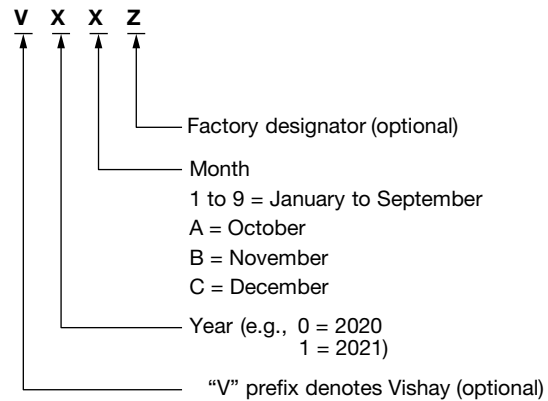
(for SMA with "BYS", "BYG" Prefix and TMBS products with long core part number)



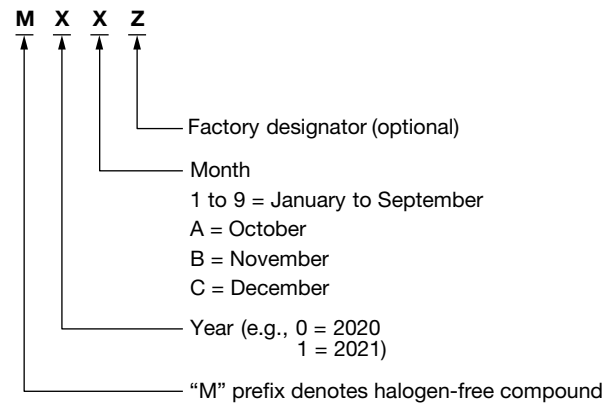
(for SMA with "BYS", "BYG" Prefix)



DATE CODE

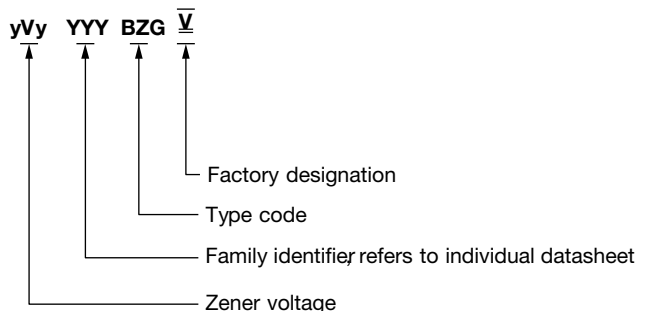


DATE CODE

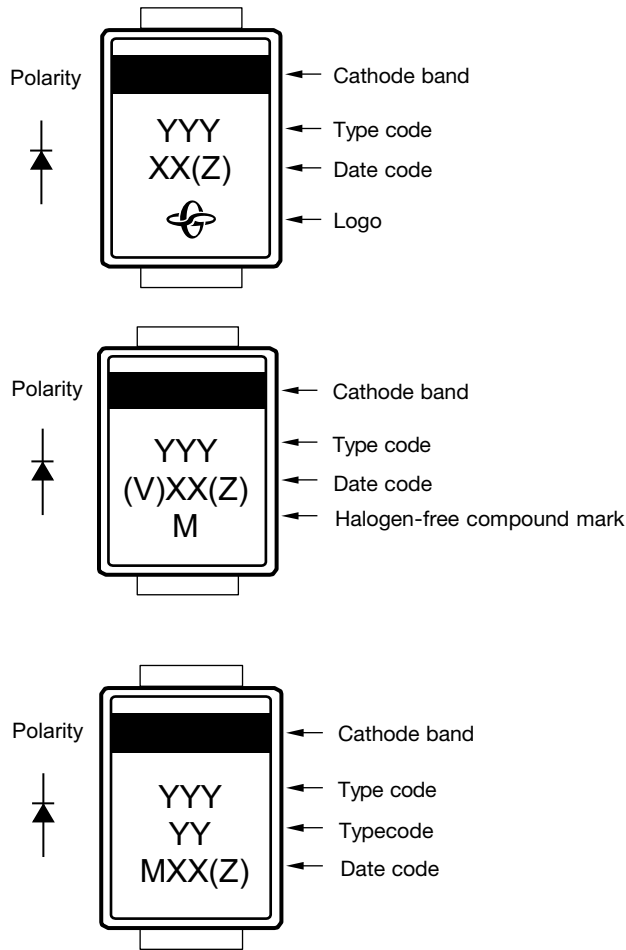


Notes

- Type code refers to individual datasheet
- Cathode band: marked with one or more lines

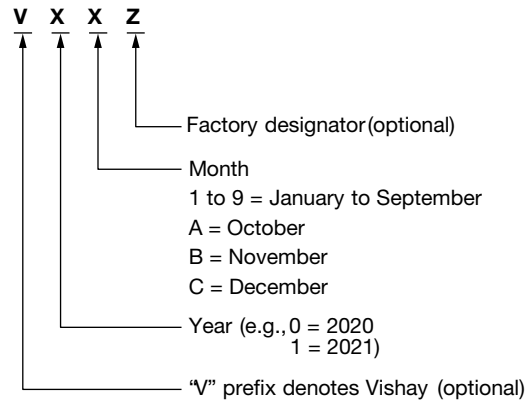


SMB (DO-214AA) AND SMC (DO-214AB) MARKING

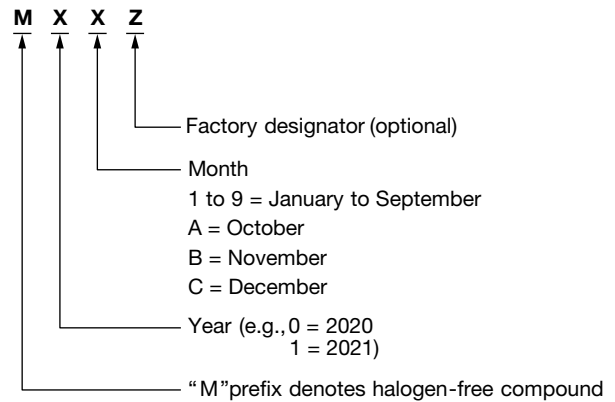


(for TMBS products with long core part number)

DATE CODE



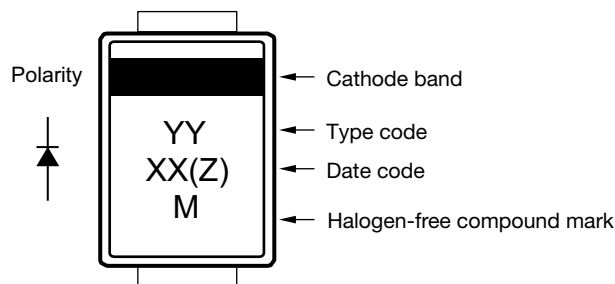
DATE CODE



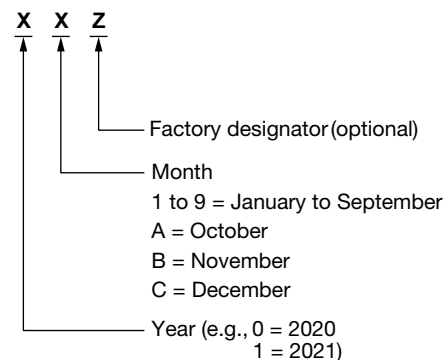
Notes

- Type code refers to individual datasheet
- Cathode band: marked with one or more lines

SlimSMA (DO-221AC), SlimSMAW (DO-221AD), AND SMPA (DO-221BC) MARKING



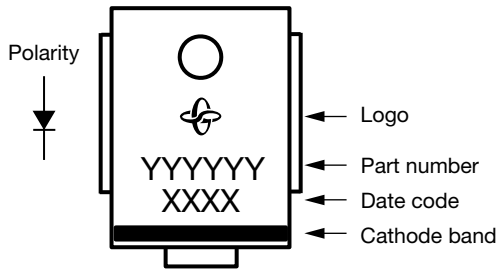
DATE CODE



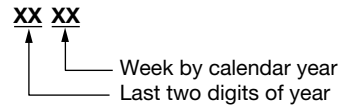
Notes

- Type code refers to individual datasheet
- Cathode band: marked with one or more lines

DO-218AB AND DO-218AC MARKING



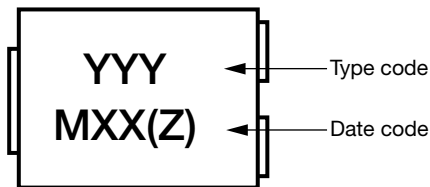
DATE CODE



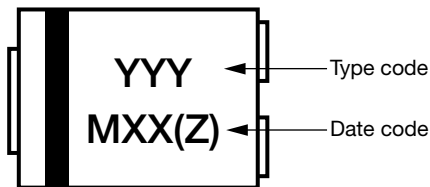
Notes

- Type code refers to individual datasheet
- Cathode band: marked with one or more lines

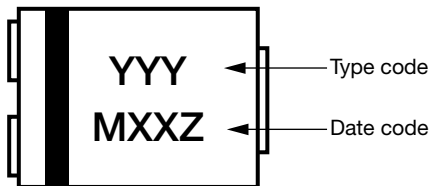
SMPC (TO-277A) MARKING



Polarity —|<— (for rectifiers)

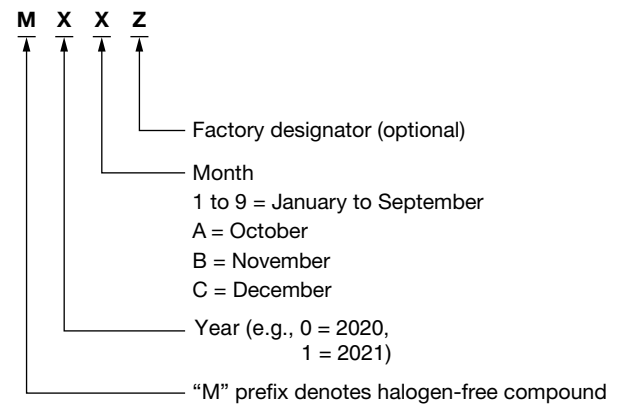


Polarity —|<— (for TRANSZORB® TVS of SMPCxxAN)



Polarity —|<— (for PAR® TVS and TRANSZORB® TVS of SMPCxxA)

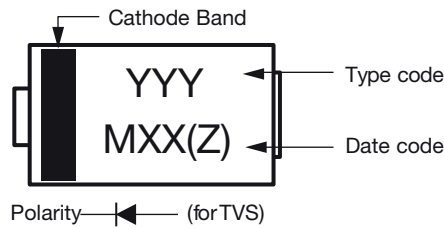
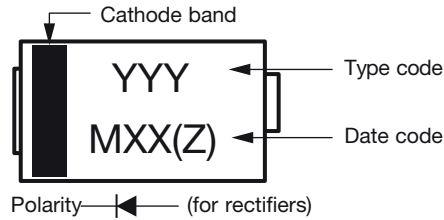
DATE CODE



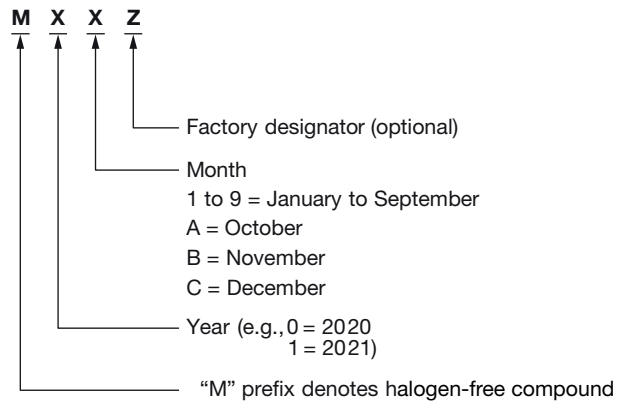
Notes

- Type code refers to individual datasheet
- TRANSZORB® TVS: cathode band depends on actual polarity
- No cathode band marking for bi-directional PAR TVS type
- Cathode band: marked with one or more lines

SMP (DO-220AA) MARKING



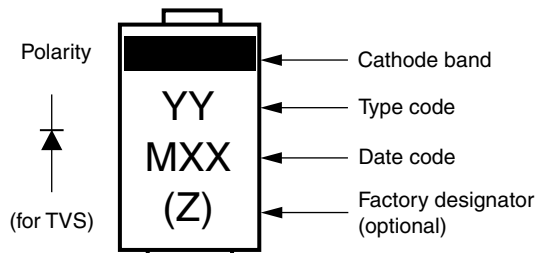
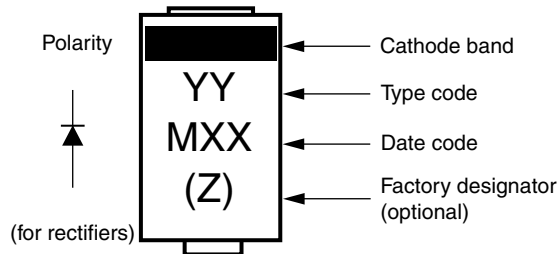
DATE CODE



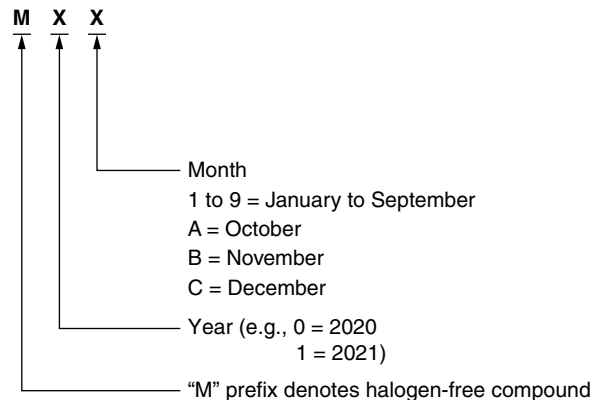
Notes

- Type code refers to individual datasheet
- Cathode band: marked with one or more lines

MicroSMP (DO-219AD) MARKING



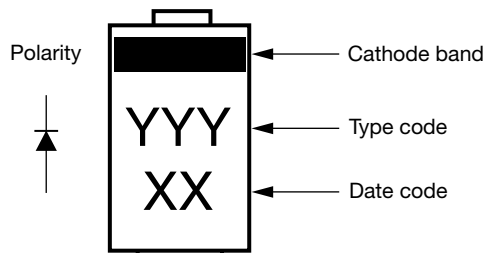
DATE CODE



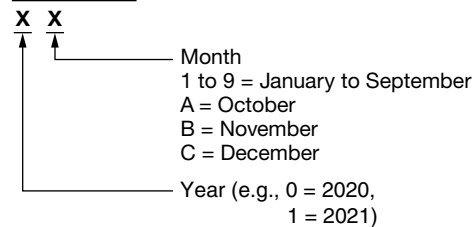
Notes

- Type code refers to individual datasheet
- Cathode band: marked with one or more lines

MicroSMF (DO-219AC) MARKING



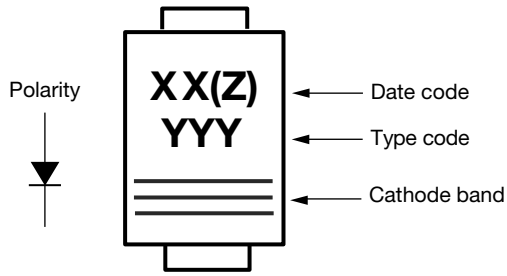
DATE CODE



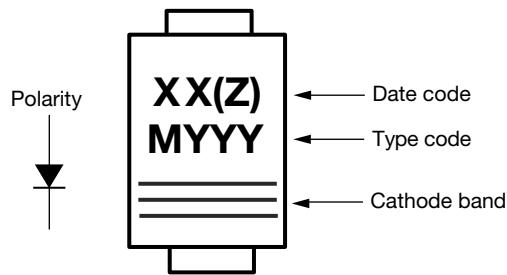
Notes

- Type code refers to individual datasheet
- Cathode band: marked with one or more lines

SMF (DO-219AB) MARKING

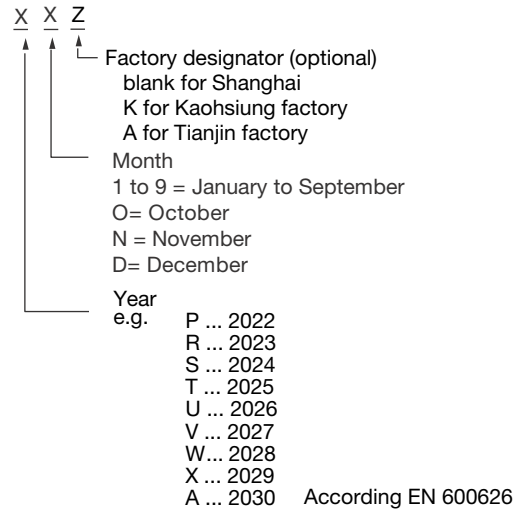


For Rectifiers (exclude Fred),
TVS and Small Signal products

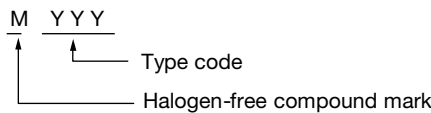


For Fred products

DATE CODE



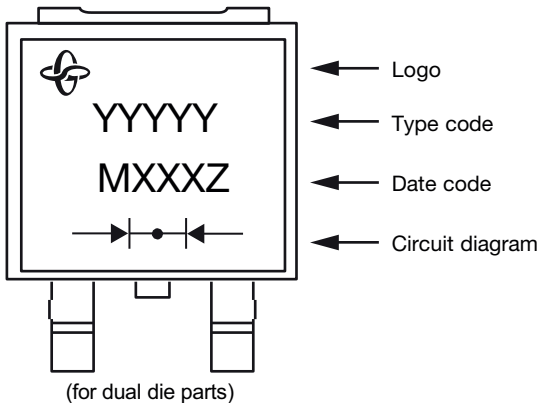
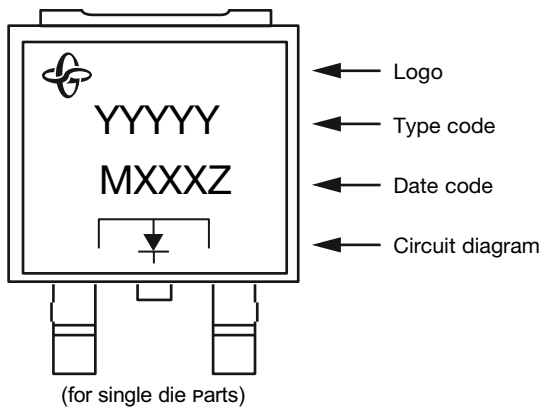
TYPE CODE



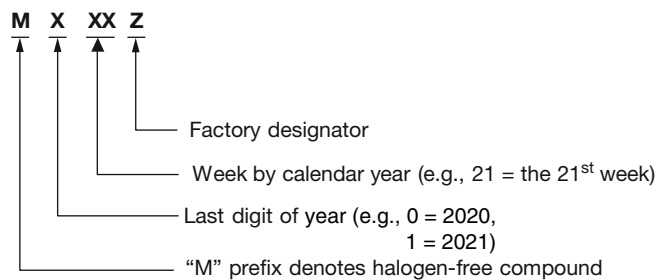
Notes

- Type code refers to individual datasheet

SMPD AND SlimDPAK MARKING



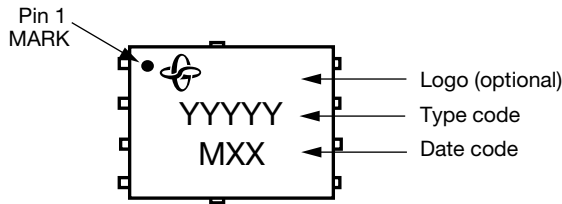
DATE CODE



Note

- Type code refers to individual datasheet

FlatPAK 5 X 6 MARKING



DATE CODE

M X X

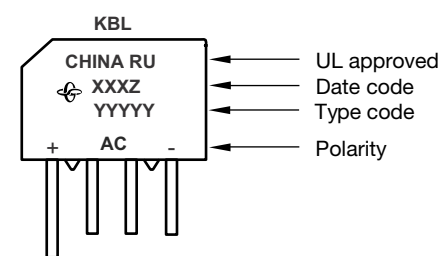
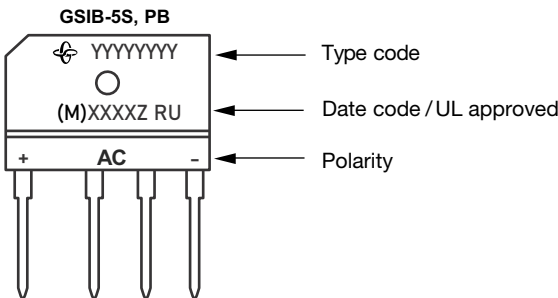
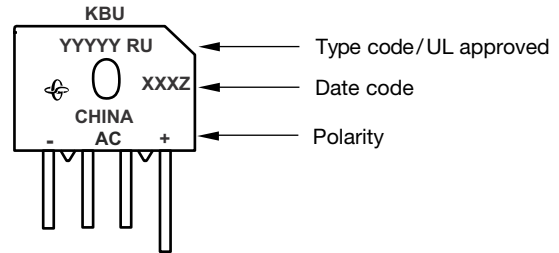
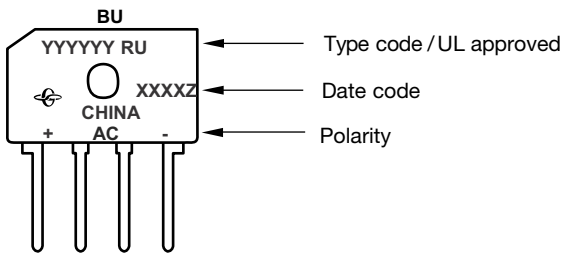
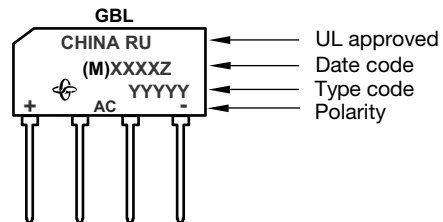
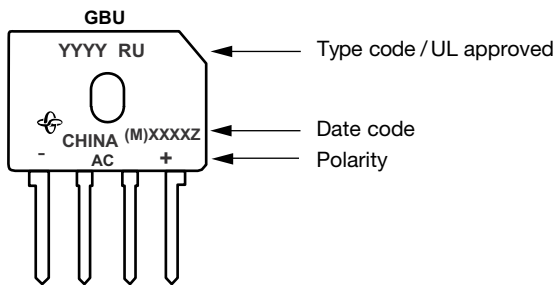
- Month
- 1 to 9 = January to September
- A = October
- B = November
- C = December
- Year (e.g. 0 = 2020
1 = 2021)
- "M" prefix denotes halogen-free compound

Note

- Type code refers to individual datasheet

BRIDGE MARKING

Single in-line bridge marking



DATE CODE

X X X Z

- Factory designator
- Week by calendar year
- Last digit of Year (e.g., 0 = 2020
1 = 2021)

XX XX Z

- Factory designator
- Week by calendar year
- Last two digits of year

Note

- Type code refers to individual datasheet
- Logo :
- UL approved: RU
- Polarity: + Positive output terminal
- Negative output terminal
- AC: Alternate
- Location: China

M X X X Z

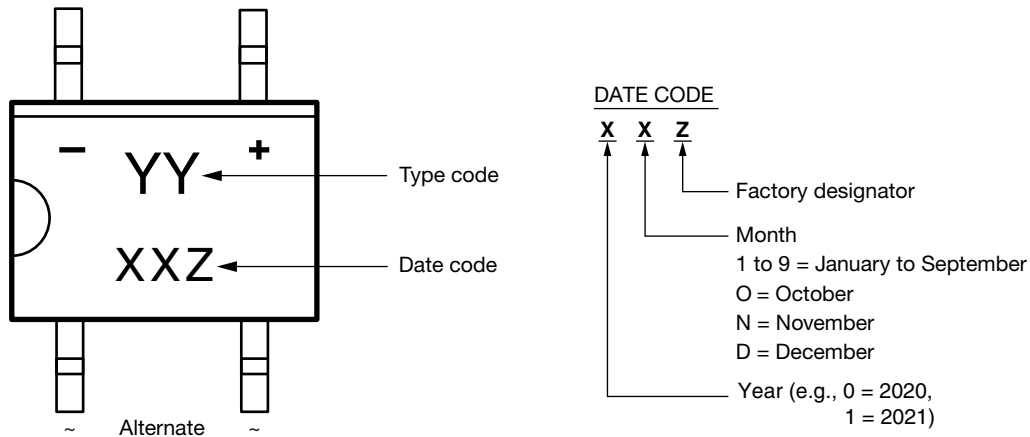
- Factory designator
- Week by calendar year
- Last digit of Year (e.g., 0 = 2020
1 = 2021)
- "M" prefix denotes halogen-free compound

M XX XX Z

- Factory designator
- Week by calendar year
- Last two digits of year
- "M" prefix denotes halogen-free compound

DUAL IN-LINE BRIDGE MARKING

MBS (TO-269AA) and MBM Mini-Bridge

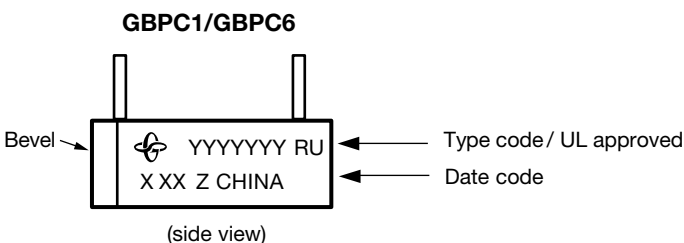
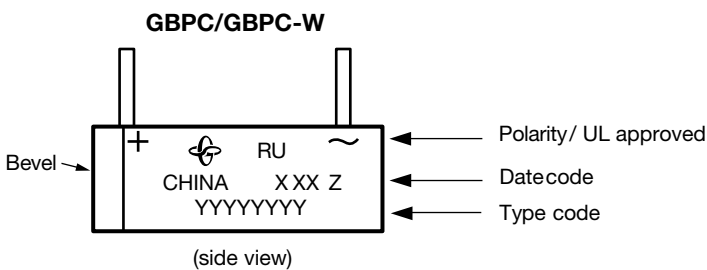
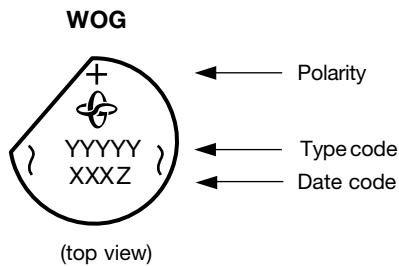
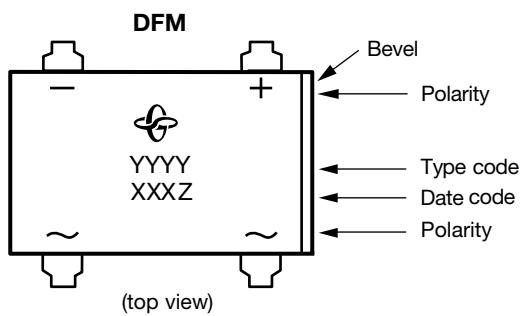
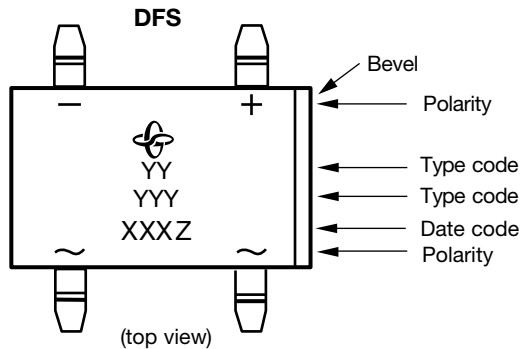


TYPE	TYPE CODE	TYPE	TYPE CODE
B2S, B2M	B2	MB4S, MB4M	4
B4S, B4M	B4	MB6S, MB6M	6
B6S, B6M	B6	RMB2S	2R
MB2S, MB2M	2	RMB4S	4R

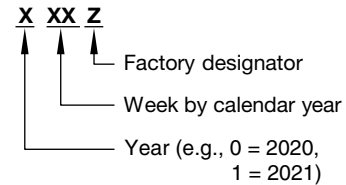
Notes

- MB2(4,6)M and RMB2(4)S has type code only without date code
- Polarity: + Positive output terminal
- Negative output terminal

DFS, DFM, WOG, GBPC/GBPC-W, and GBPC1/GBPC6



DATE CODE

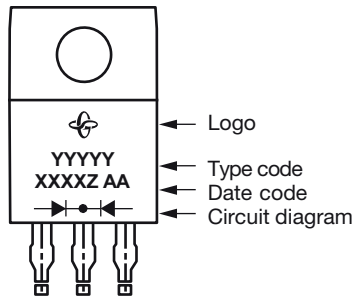


Notes

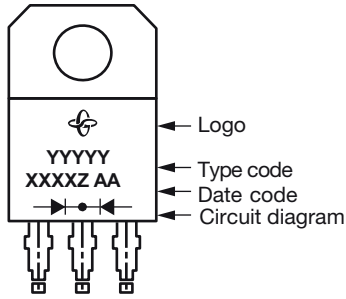
- Type code refers to individual datasheets
- UL approved : RU
- Polarity : + Positive output terminal
- Negative output terminal
~ Alternate
- Location : China
- Logo :

POWER PACK MARKING

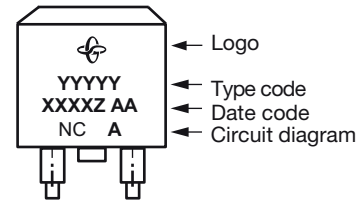
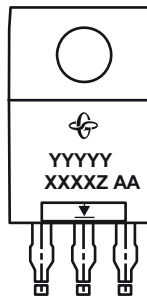
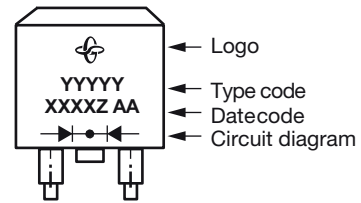
TO-220AB



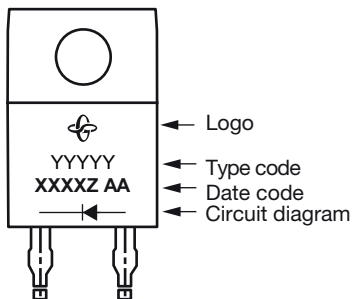
ITO-220AB



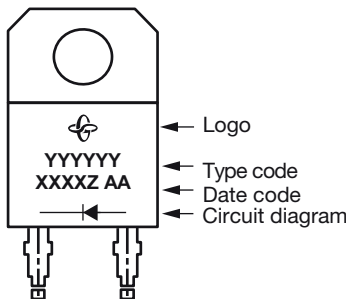
TO-263AB



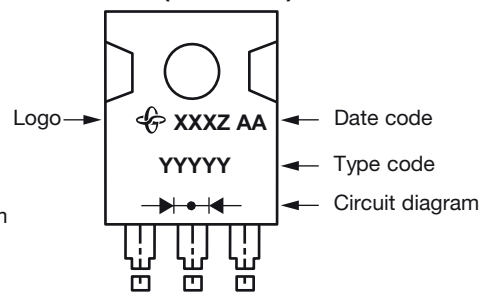
TO-220AC



ITO-220AC

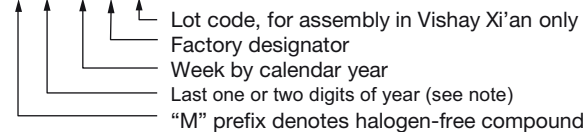


TO-3P (TO-247AD)



DATE CODE

M XX XX Z AA



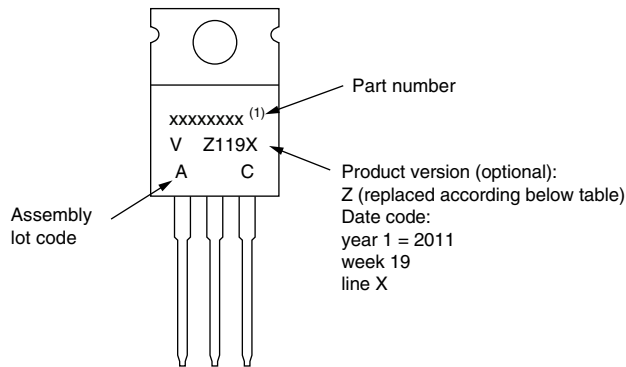
Notes

- Type code refers to individual datasheet
- Last one digit of year for TO-3P only (e.g., 0 = 2020, 1 = 2021)

TO-220 MARKING

Examples: TO-220AB, TO-220FP, TO-220AC E, TO-220AC-N3

TO-220AB E

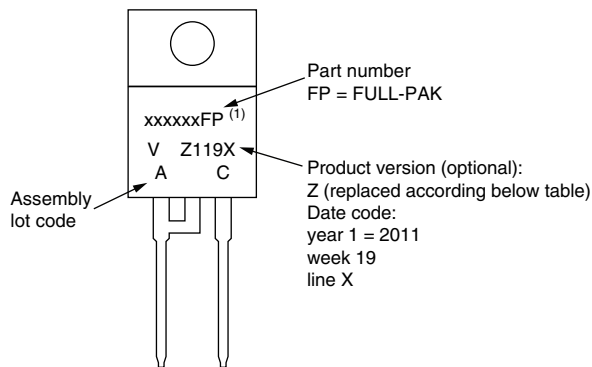


Example: This is a xxxxxxx⁽¹⁾ with assembly lot code AC, assembled on WW 19, 2011 in the assembly line "X"

Note

⁽¹⁾ If part number contains "H" as last digit, product is AEC-Q101 qualified

TO-220FP-N3

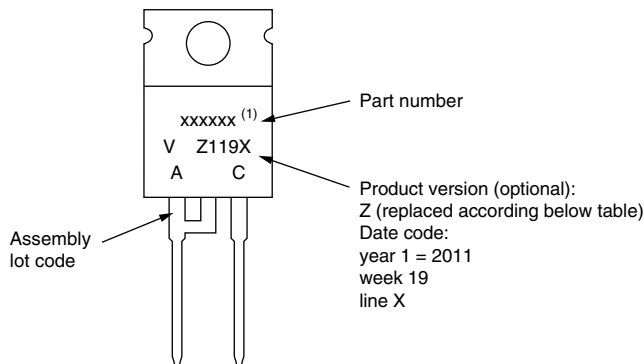


Example: This is a xxxxxFP⁽¹⁾ with assembly lot code AC, assembled on WW 19, 2011 in the assembly line "X"

Note

⁽¹⁾ If part number contains "H" as last digit, product is AEC-Q101 qualified

TO-220AC E, TO-220AC-N3



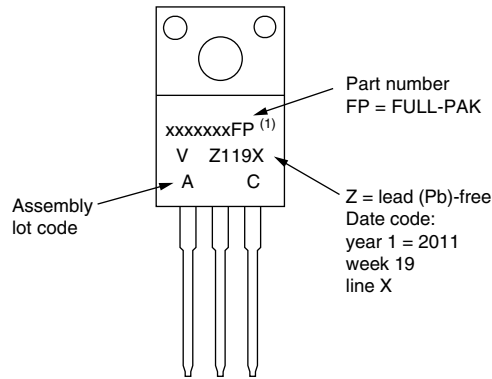
Example: This is a xxxxxx⁽¹⁾ with assembly lot code AC, assembled on WW 19, 2011 in the assembly line "X"

Note

⁽¹⁾ If part number contains "H" as last digit, product is AEC-Q101 qualified



TO-220FP 2L

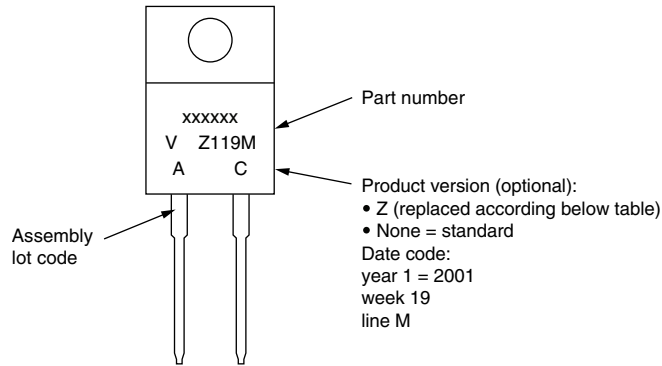


Example: This is a xxxxxxFP⁽¹⁾ with assembly lot code AC, assembled on WW 19, 2011 in the assembly line "X"

Note

⁽¹⁾ If part number contains "H" as last digit, product is AEC-Q101 qualified

TO-220AC 2L



Example: This is a xxxxxx with assembly lot code AC, assembled on WW 19, 2001 in the assembly line "M"

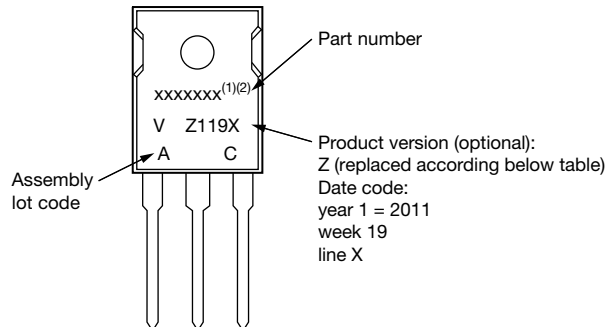
Note

⁽¹⁾ If part number contains "H" as last digit, product is AEC-Q101 qualified

TO-247 MARKING

Examples:

TO-247, 3 pins long-lead

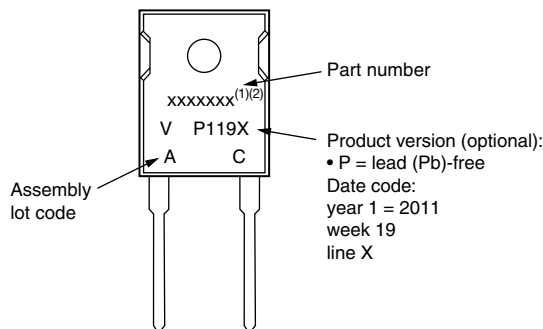


Example: This is a xxxxxxx⁽¹⁾ with assembly lot code AC, assembled on WW 19, 2011 in the assembly line "X"

Notes

- (1) If part number contains "H" as last digit, product is AEC-Q101 qualified
- (2) If part number contains "L", product is long-lead

TO-247, 2 pins long-lead

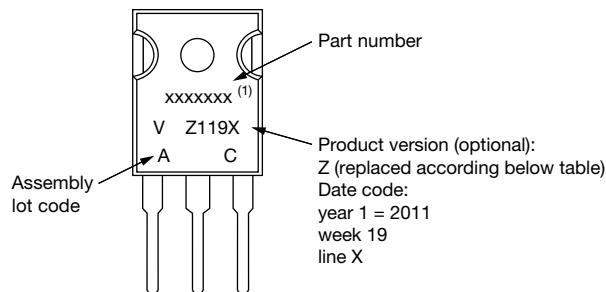


Example: This is a xxxxxxx with assembly lot code AC, assembled on WW 19, 2011 in the assembly line "X"

Notes

- (1) If part number contains "H" as last digit, product is AEC-Q101 qualified
- (2) If part number contains "L", product is long-lead

TO-247AC-N3

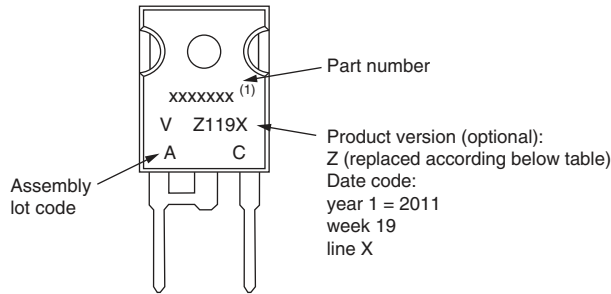


Example: This is a xxxxxxx⁽¹⁾ with assembly lot code AC, assembled on WW 19, 2011 in the assembly line "X"

Note

- (1) If part number contains "H" as last digit, product is AEC-Q101 qualified

TO-247AC-N3 modified

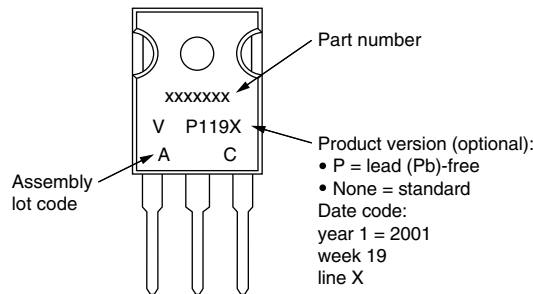


Example: This is a xxxxxx⁽¹⁾ with assembly lot code AC, assembled on WW 19, 2011 in the assembly line "X"

Note

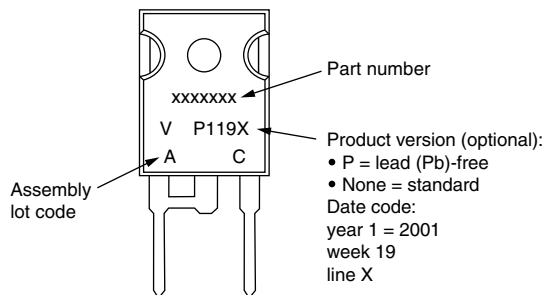
⁽¹⁾ If part number contains "H" as last digit, product is AEC-Q101 qualified

TO-247 PbF



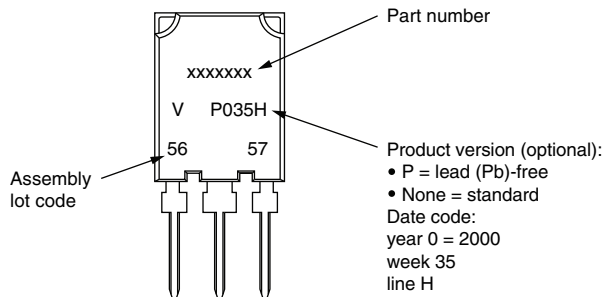
Example: This is a xxxxxx with assembly lot code AC, assembled on WW 19, 2001 in the assembly line "X"

TO-247 PbF modified



Example: This is a xxxxxx with assembly lot code AC, assembled on WW 19, 2001 in the assembly line "X"

Super TO-247

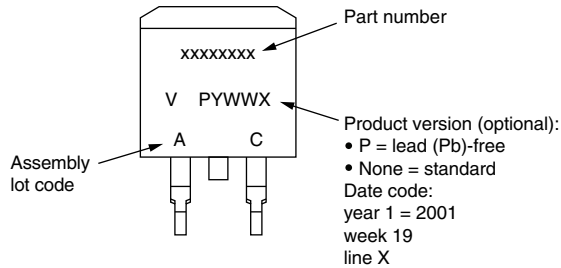


Example: This is a xxxxxx with assembly lot code 5657, assembled on WW 35, 2000 in assembly line "H"

D²PAK (TO-263AA), TO-262 MARKING

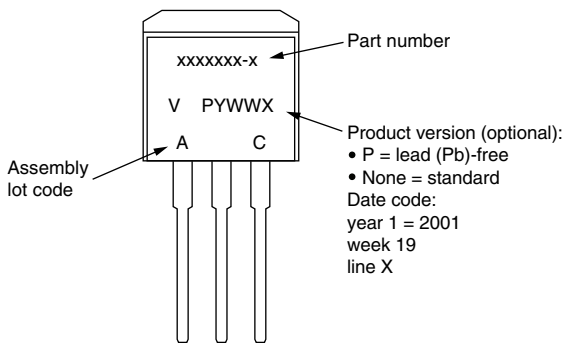
Examples:

D²PAK E (TO-263AA)



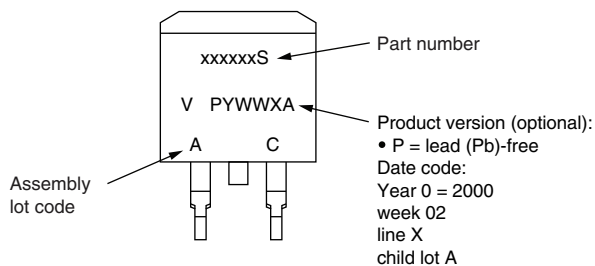
Example: This is a xxxxxxxx with assembly lot code AC, assembled on WW 19, 2001 in the assembly line "X"

TO-262AA



Example: This is a xxxxxxx-x with assembly lot code AC, assembled on WW 19, 2001 in the assembly line "X"

D²PAK (TO-263AA)

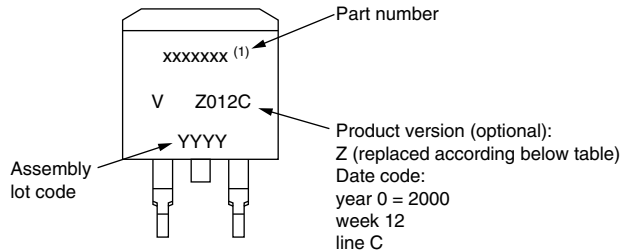


Example: This is a xxxxxxS with assembly lot code AC, assembled on WW 02, 2000

DPAK (TO-252AA) MARKING

Examples:

DPAK E

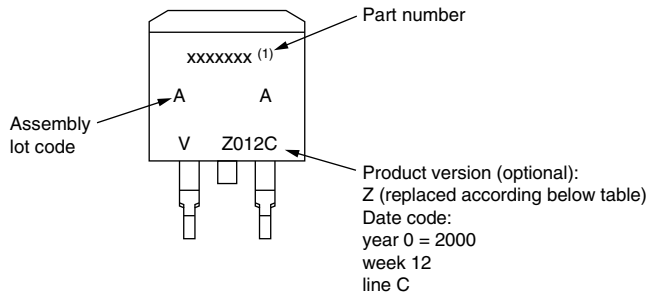


Example: This is a xxxxxxx with assembly lot code YYYY, assembled on WW 12, 2000 in the assembly line "C"

Note

(1) If part number contains "H" as last digit, product is AEC-Q101 qualified

DPAK



Example: This is a xxxxxxx with assembly lot code YYYY, assembled on WW 12, 2000 in the assembly line "C"

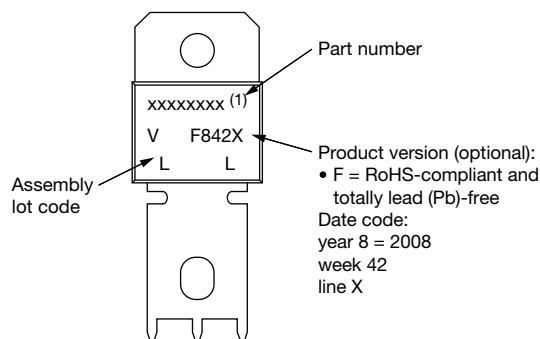
Note

(1) If part number contains "H" as last digit, product is AEC-Q101 qualified

PowerTab® MARKING

Examples:

PowerTab®



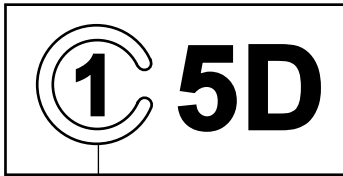
Example: This is a xxxxxxx (1) with assembly lot code LL, assembled on WW 42, 2008 in the assembly line "X"

Note

(1) If part number contains "H" as last digit, product is AEC-Q101 qualified

SMD MARKING

CLP0603-2L MARKING

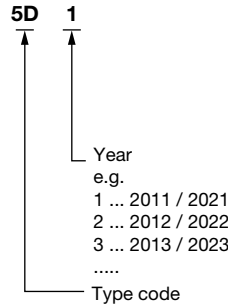


Cathode mark
Opening of "C" indicates month,
where wafer lot was started in fab,
e.g. 3 o'clock means March

Note

- Type code refers to individual datasheet

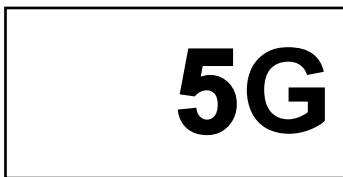
DATE CODE



Valid for ESD protection diodes:

- VCUT03E1-SD0
- VCUT05E1-SD0
- VCUT10A1-SD0
- VCUT15A1-SD0
- VBUS03B1-SD0
- VBUS05B1-SD0

CLP0603-2L MARKING



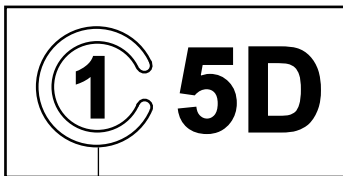
Note

- Type code refers to individual datasheet

Valid for ESD protection diodes:

- VCUT03G1-SD0
- VCUT05G1-SD0
- VCUT10G1-SD0
- VCUT15G1-SD0

CLP0603-2M MARKING

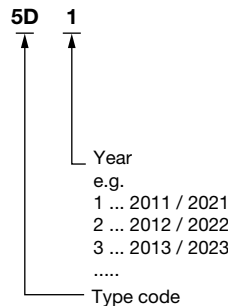


Cathode mark
Opening of "C" indicates month,
where wafer lot was started in fab,
e.g. 3 o'clock means March

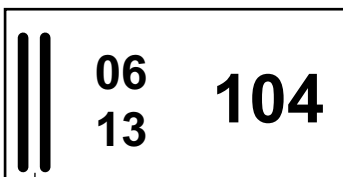
Note

- Type code refers to individual datasheet

DATE CODE



CLP1608, CLP1006, CLP1406, CLP1007 MARKING

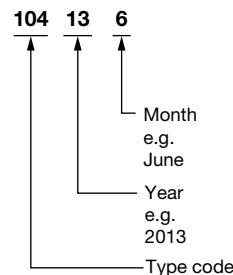


Cathode mark

Note

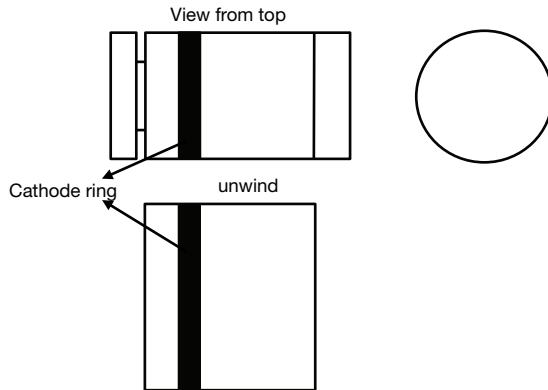
- Type code refers to individual datasheet

DATE CODE



DO-213 MARKING

Marking: cathode



DFN1006 MARKING



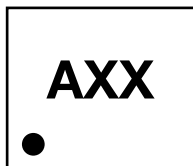
X or XX ... Type code (see allowed matrix)
100% AOI to avoid wrong device

Only exemptions from that matrix: BAS40L: "A."
BAS21L: "B."
BAS16L: ".D" ("D." turned by 180°)

A...DATE CODE

Jan18-A; Feb18-B; Mar18-C
Apr18-D; May18-E; Jun18-F
Jul18-G; Aug18-H; Sep18-J
Oct18-K; Nov18-L; Dec18-N
Jan19-P; Feb19-<; Mar19-R
Apr19-S; May19-T; Jun19-U
Jul19-V; Aug19-=: Sep19-X
Oct19-Y; Nov19-Z; Dec19-∇
Jan20-⊘; Feb20-⊙; Mar20-⊚
Apr20-⊛; May20-⊜; Jun20-⊝
Jul20-⊞; Aug20-⊟; Sep20-⊠
Oct20-⊡; Nov20-⊢; Dec20-⊣
Jan21-⊤; Feb21-⊥; Mar21-⊦
Apr21-⊧; May21-⊨; Jun21-⊩
Jul21-⊪; Aug21-⊫; Sep21-⊬
Oct21-⊭; Nov21-⊮; Dec21-⊯
Jan14 = Jan18 = Jan22

DFN1110 MARKING



Production site: JCET

● Pin 1

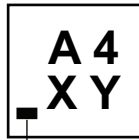
X or XX ... type code

A...DATE CODE

Jan18-A; Feb18-B; Mar18-C
Apr18-D; May18-E; Jun18-F
Jul18-G; Aug18-H; Sep18-J
Oct18-K; Nov18-L; Dec18-N
Jan19-P; Feb19-<; Mar19-R
Apr19-S; May19-T; Jun19-U
Jul19-V; Aug19-=: Sep19-X
Oct19-Y; Nov19-Z; Dec19-∇
Jan20-⊘; Feb20-⊙; Mar20-⊚
Apr20-⊛; May20-⊜; Jun20-⊝
Jul20-⊞; Aug20-⊟; Sep20-⊠
Oct20-⊡; Nov20-⊢; Dec20-⊣
Jan21-⊤; Feb21-⊥; Mar21-⊦
Apr21-⊧; May21-⊨; Jun21-⊩
Jul21-⊪; Aug21-⊫; Sep21-⊬
Oct21-⊭; Nov21-⊮; Dec21-⊯
Jan14 = Jan18 = Jan22 ...

LLP75, LLP1713, LLP2510, LLP2513, LLP3313 MARKING

LLP75



... pin 1

LLP1713, LLP2510



... pin 1

LLP2513, LLP3313



... pin 1

Note

• Type code refers to individual datasheet

DATE CODE

X... 4 A...

Year

e.g.

A ... 2010	K ... 2018	U ... 2026
B ... 2011	L ... 2019	V ... 2027
C ... 2012	M ... 2020	W ... 2028
D ... 2013	N ... 2021	X ... 2029
E ... 2014	P ... 2022	A ... 2030
F ... 2015	R ... 2023
G ... 2016	S ... 2024	
J ... 2017	T ... 2025	According to EN 600626

Month

e.g.

1 ... Jan, 2 ... Feb, 3... Mar, 4 ... Apr, 5 ... May, 6 ... Jun,
7 ... Jul, 8 ... Aug, 9 ... Sep, O ... Oct, N ... Nov, D ... Dec

Type code

LLP1006 MARKING



Cathode / pin 1

Note

• Type code refers to individual datasheet

DATE CODE

X... A...

Jan14-A, Feb14-B, Mar14-C, Apr14-D, May14-E, Jun14-F,
Jul14-G, Aug14-H, Sep14-J, Oct14-K, Nov14-M, Dec14-N,
Jan15-P, Feb15-Q, Mar15-R, Apr15-S, May15-T, Jun15-U,
Jul15-V, Aug15-W, Sep15-X, Oct15-Y, Nov15-Z, Dec15- \forall ,
Jan16- \mathcal{B} , Feb16- \mathcal{O} , Mar16- \mathcal{C} , Apr16- \mathcal{E} , May16- \mathcal{J} , Jun16- \mathcal{G} ,
Jul16- \mathcal{F} , Aug16- \mathcal{X} , Sep16- \mathcal{W} , Oct16- \mathcal{d} , Nov16- \mathcal{O} , Dec16- \mathcal{H} ,
Jan17- \mathcal{L} , Feb17- \mathcal{N} , Mar17- \mathcal{A} , Apr17- \mathcal{M} , May17- \mathcal{A} , Jun17-1,
Jul17-2, Aug17-3, Sep17-4, Oct17-5, Nov17-6, Dec17-7,
Jan26 = Jan22 = Jan18 = Jan14,....

Type code (variations on type code: X, .X, :X, X.)

LLP1010, LLP1110 MARKING



Pin 1 mark

Note

• Type code refers to individual datasheet

DATE CODE

X... A...

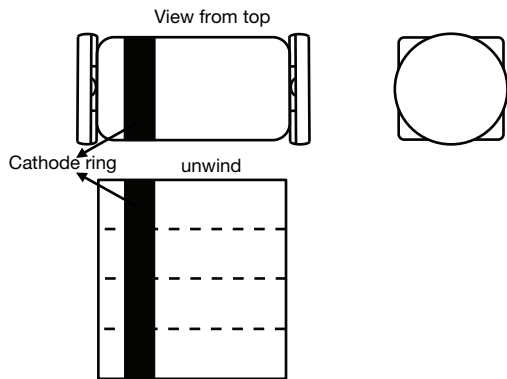
Jan14-A, Feb14-B, Mar14-C, Apr14-D, May14-E, Jun14-F,
Jul14-G, Aug14-H, Sep14-J, Oct14-K, Nov14-M, Dec14-N,
Jan15-P, Feb15-Q, Mar15-R, Apr15-S, May15-T, Jun15-U,
Jul15-V, Aug15-W, Sep15-X, Oct15-Y, Nov15-Z, Dec15- \forall ,
Jan16- \mathcal{B} , Feb16- \mathcal{O} , Mar16- \mathcal{C} , Apr16- \mathcal{E} , May16- \mathcal{J} , Jun16- \mathcal{G} ,
Jul16- \mathcal{F} , Aug16- \mathcal{X} , Sep16- \mathcal{W} , Oct16- \mathcal{d} , Nov16- \mathcal{O} , Dec16- \mathcal{H} ,
Jan17- \mathcal{L} , Feb17- \mathcal{N} , Mar17- \mathcal{A} , Apr17- \mathcal{M} , May17- \mathcal{A} , Jun17-1,
Jul17-2, Aug17-3, Sep17-4, Oct17-5, Nov17-6, Dec17-7,
Jan26 = Jan22 = Jan18 = Jan14,....

Type code (variations: X, .X, :X, X.)



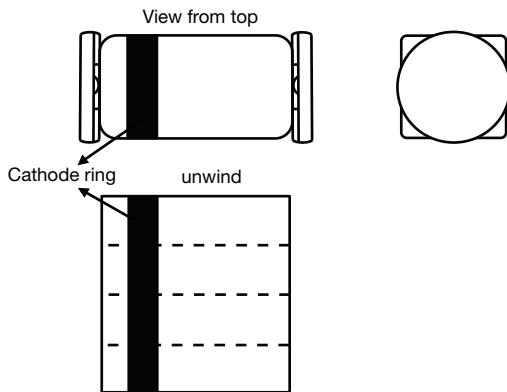
MicroMELF MARKING

Marking: cathode



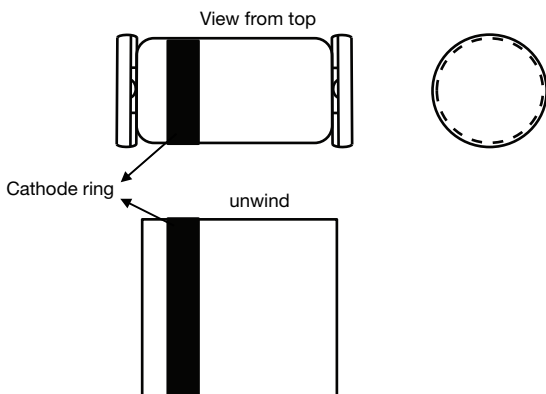
QuadroMELF (SOD-80) MARKING

Marking: cathode



MiniMELF (SOD-80) MARKING

Marking: cathode

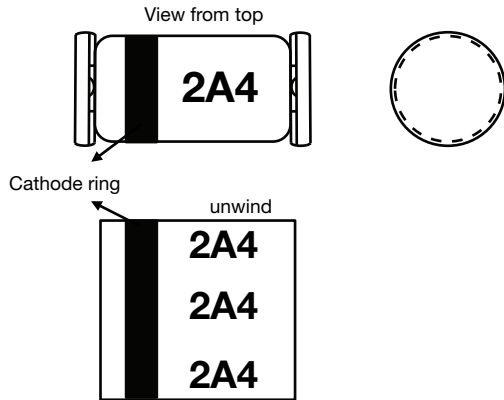




TLZ MARKING OPTION 1:

MiniMelf (SOD-80)

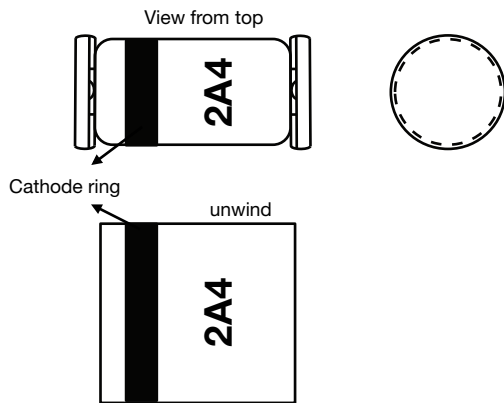
Marking: type and cathode



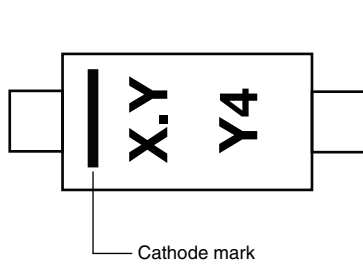
TLZ MARKING OPTION 2:

MiniMelf (SOD-80)

Marking: type and cathode

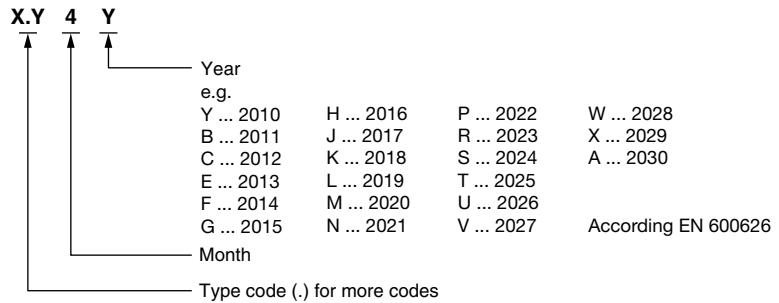


SOD-123 MARKING

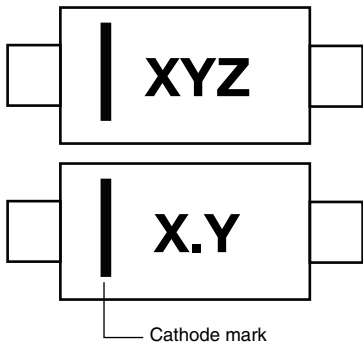


Note
• Type code refers to individual datasheet

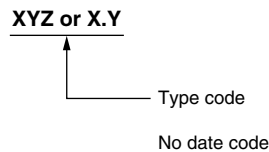
DATE CODE



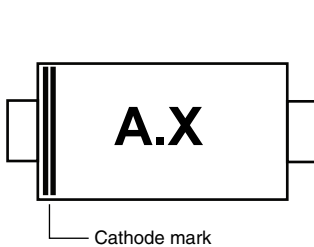
SOD-323 MARKING



Note
• Type code refers to individual datasheet

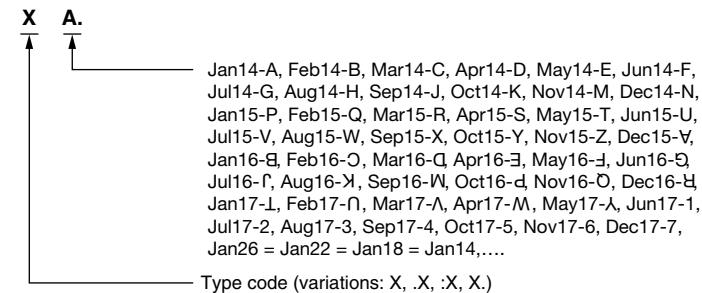


SOD-523 MARKING

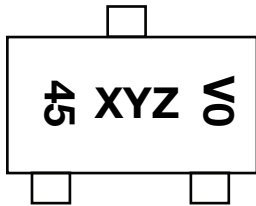


Note
• Type code refers to individual datasheet

DATE CODE



SOT-23 MARKING

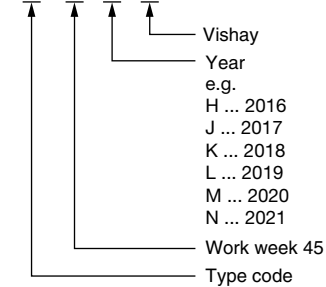


Note

• Type code refers to individual datasheet

DATE CODE

XYZ 45 0 V



Vishay
Year

e.g.

H ... 2016

J ... 2017

K ... 2018

L ... 2019

M ... 2020

N ... 2021

P ... 2022

R ... 2023

S ... 2024

T ... 2025

U ... 2026

V ... 2027

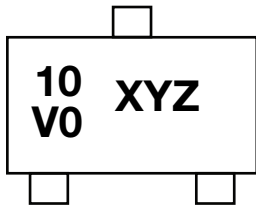
W ... 2028

X ... 2029

A ... 2030

According to EN 600626

SOT-3xx MARKING

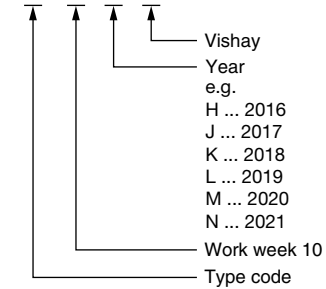


Note

• Type code refers to individual datasheet

DATE CODE

XYZ 10 0 V



Vishay
Year

e.g.

H ... 2016

J ... 2017

K ... 2018

L ... 2019

M ... 2020

N ... 2021

P ... 2022

R ... 2023

S ... 2024

T ... 2025

U ... 2026

V ... 2027

W ... 2028

X ... 2029

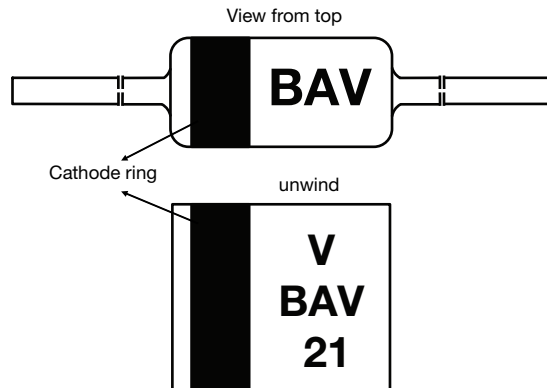
A ... 2030

According to EN 600626

AXIAL MARKING

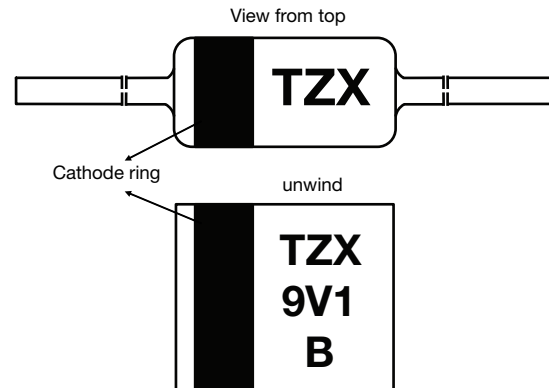
DO-35 (DO-204AH) BAV, BAW, BAS MARKING

Marking: type and cathode



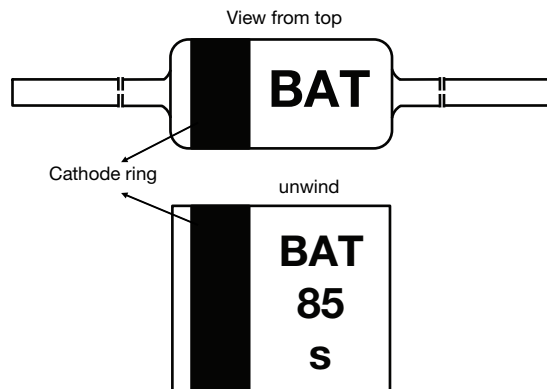
DO-35 (DO-204AH) ZENER TZX MARKING

Marking: type and cathode



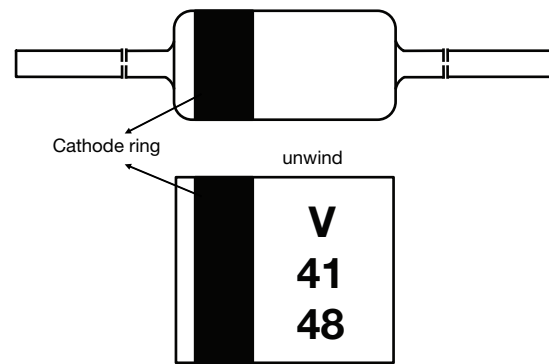
DO-35 (DO-204AH) SCHOTTKY BAT, SD MARKING

Marking: type and cathode



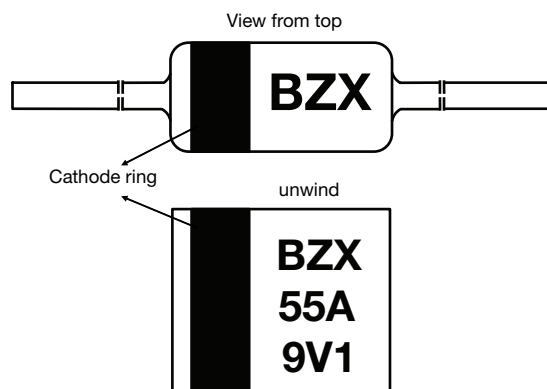
DO-35 (DO-204AH) 1N4148 MARKING

Marking: type and cathode



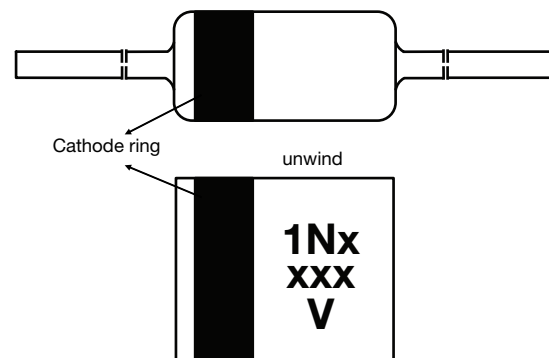
DO-35 (DO-204AH) ZENER BZX55 MARKING

Marking: type and cathode



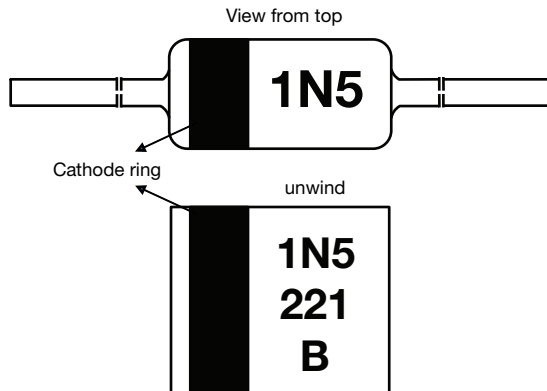
DO-35 (DO-204AH) 1N4xxx -SERIES (without 1N4148) MARKING

Marking: type and cathode



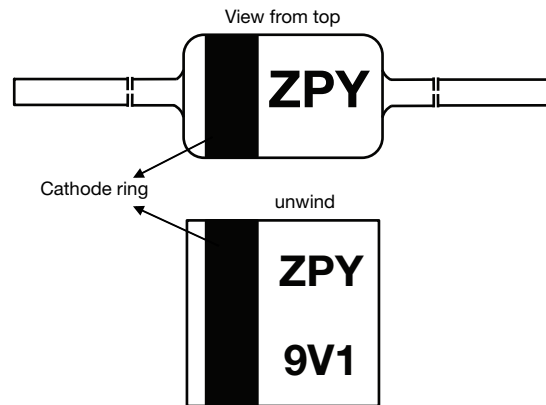
DO-35 (DO-204AH) ZENER 1N52 MARKING

Marking: type and cathode



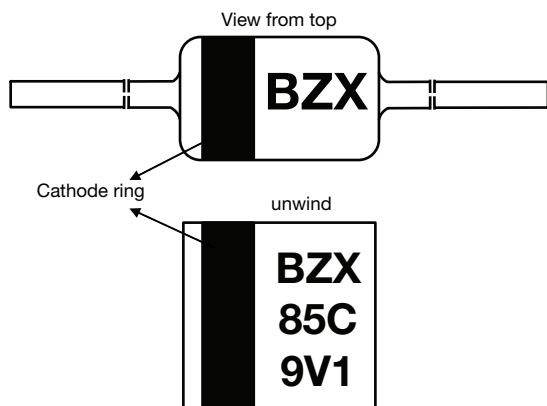
DO-41 (DO-204AL) ZPY MARKING

Marking: type and cathode



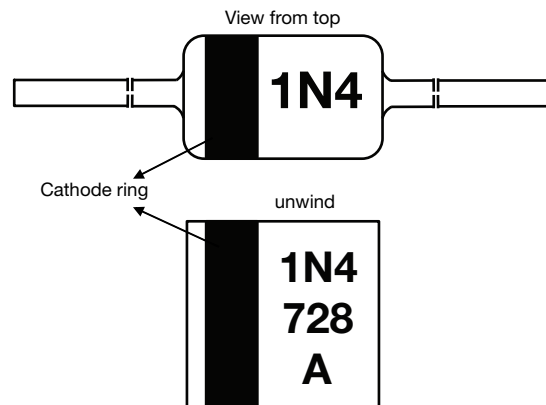
DO-41 (DO-204AL) BZX85 MARKING

Marking: type and cathode

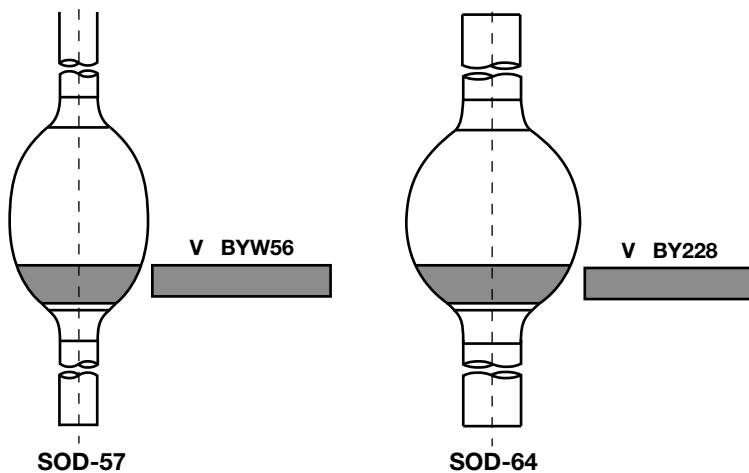


DO-41 (DO-204AL) 1N47xx MARKING

Marking: type and cathode



SOD-57, SOD-64 MARKING CODE



SOD-57 and SOD-64 Avalanche diodes

The unique part number is followed by letter "V", means Vishay
e.g. BYT62 V; SF1600 V or BYW83 V

SOD-57 Zener diodes

BZT03Cxx - where "xx" means the Zener voltage (no "V" after the part number)

SOD-64 Zener diodes

BZW03Cxx - where "xx" means the Zener voltage (no "V" after the part number)