

Description

The APX803L is brand new micro-power voltage detector series developed by Diodes Incorporated with target to be used for microprocessor (μ P) supervisory circuits to monitor the power supplies in μ P and digital systems. It provides wide range of detection voltage level ranging from 1.2V to 5.0V with 0.1V per step options fixed internally from circuit design. As to supply current, the APX803L series requires low supply current level of 1 μ A (typical) which gives no burden to power efficiency on systems requiring detection functions, such as smart phones, battery-powered devices, Internet equipment and so on.

These circuits perform the supervisory function by sending out a reset signal whenever it founds the monitored V_{CC} level falls below a chosen threshold voltage level and the reset signal will remain until V_{CC} recovers to a level higher than threshold voltage. The APX803L has an open-drain output with an active-low output pin and features several delay time options (0ms, 55ms, 220ms and 450ms) for system need.

The APX803L is available in two pinout variants of the 3-pin SOT23, SOT323, SC59 and SOT25 packages.

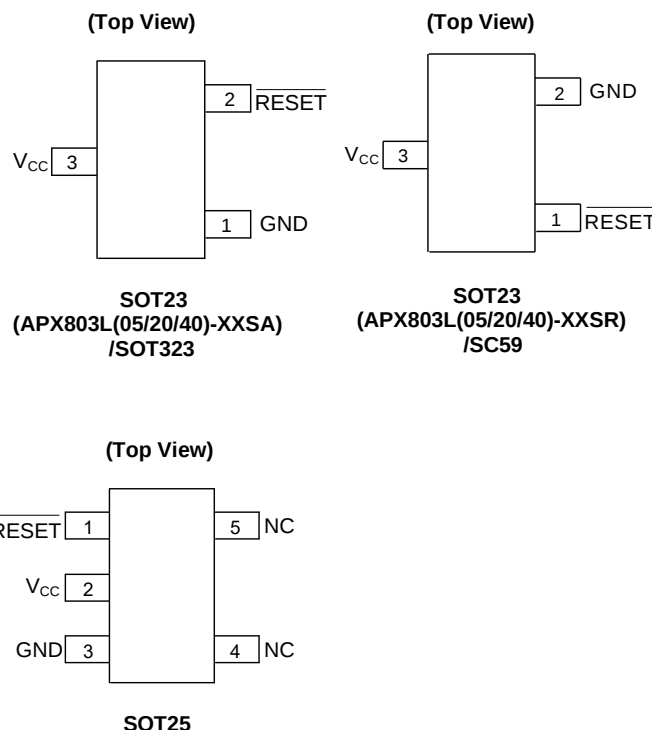
Features

- Low Supply Current: 1.0 μ A (typ.), 2.5 μ A (max.)
- Internal Fixed 1.2V to 5.0V Threshold with 0.1V Step
- High Threshold Voltage Accuracy: $\pm 1.5\%$
- Quick Reset within 20 μ s
- Built-in Recovery Delay Time Options: 0ms, 55ms, 220ms and 450ms
- Open-Drain Output: Active Low
- No External Components Required
- SOT23, SOT323, SC59 and SOT25 Packages
- **Totally Lead-Free & Fully RoHS Compliant (Notes 1 & 2)**
- **Halogen and Antimony Free. "Green" Device (Note 3)**
- **For automotive applications requiring specific change control (i.e. parts qualified to AEC-Q100/101/104/200, PPAP capable, and manufactured in IATF 16949 certified facilities), please [contact us](mailto:contact@diodes.com) or your local Diodes representative.**
<https://www.diodes.com/quality/product-definitions/>

Notes:

1. No purposely added lead. Fully EU Directive 2002/95/EC (RoHS), 2011/65/EU (RoHS 2) & 2015/863/EU (RoHS 3) compliant.
2. See <https://www.diodes.com/quality/lead-free/> for more information about Diodes Incorporated's definitions of Halogen- and Antimony-free, "Green" and Lead-free.
3. Halogen- and Antimony-free "Green" products are defined as those which contain <900ppm bromine, <900ppm chlorine (<1500ppm total Br + Cl) and <1000ppm antimony compounds.

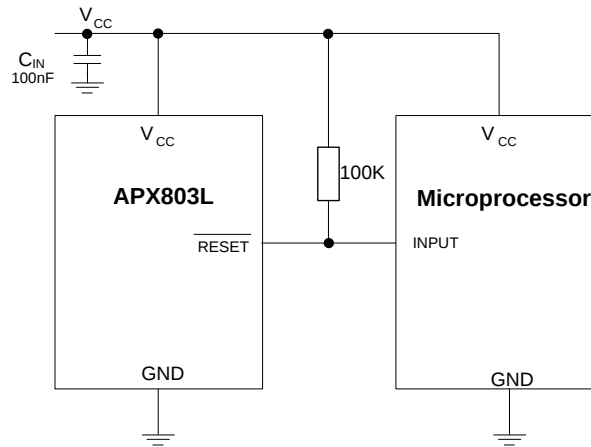
Pin Assignments



Applications

- Computers
- Controllers
- Intelligent instruments
- Critical μ P and μ C power monitoring
- Portable/Battery powered equipment

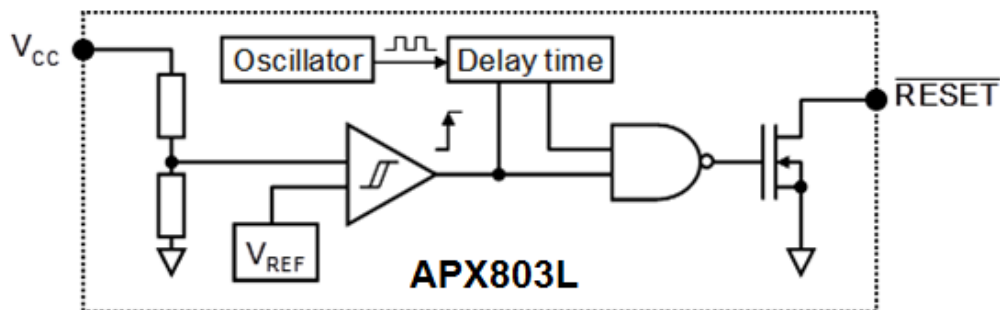
Typical Applications Circuit



Pin Descriptions

Pin Number					Pin Name	Function
SOT23 (APX803L(05/20/40)-XXSA)	SOT23 (APX803L(05/20/40)-XXSR)	SOT25	SOT323	SC59		
3	3	2	3	3	V _{CC}	Operating Voltage Input
2	1	1	2	1	RESET	Reset Output Pin, Open Drain Output: Active Low
1	2	3	1	2	GND	Ground
—	—	4, 5	—	—	NC	No Connection

Functional Block Diagram



Absolute Maximum Ratings (@T_A = +25°C, unless otherwise specified. Note 4)

Symbol	Parameter		Rating	Unit
V _{CC}	Supply Voltage		-0.3 to 6.0	V
V _{RESET}	RESET Voltage (Open Drain)		-0.3 to 6.0	V
I _{CC}	Input Current		20	mA
I _O	Output Current		20	mA
θ _{JA}	Thermal Resistance Junction-to-Ambient	SOT23, SC59	200	°C/W
		SOT25	200	
		SOT323	275	
θ _{JC}	Thermal Resistance Junction-to-Case	SOT23, SC59	60	
		SOT25	60	
		SOT323	90	
ESD	HBM (Human Body Model)		±4000	V
	MM (Machine Model)		±200	
T _J	Junction Temperature Range		-40 to +150	°C
T _{STG}	Storage Temperature Range		-65 to +150	°C

Note: 4. Stresses greater than those listed under “*Absolute Maximum Ratings*” can cause permanent damage to the device. These are stress ratings only, and functional operation of the device at these or any other conditions beyond those indicated under “*Recommended Operating Conditions*” is not implied. Exposure to “*Absolute Maximum Ratings*” for extended periods can affect device reliability.

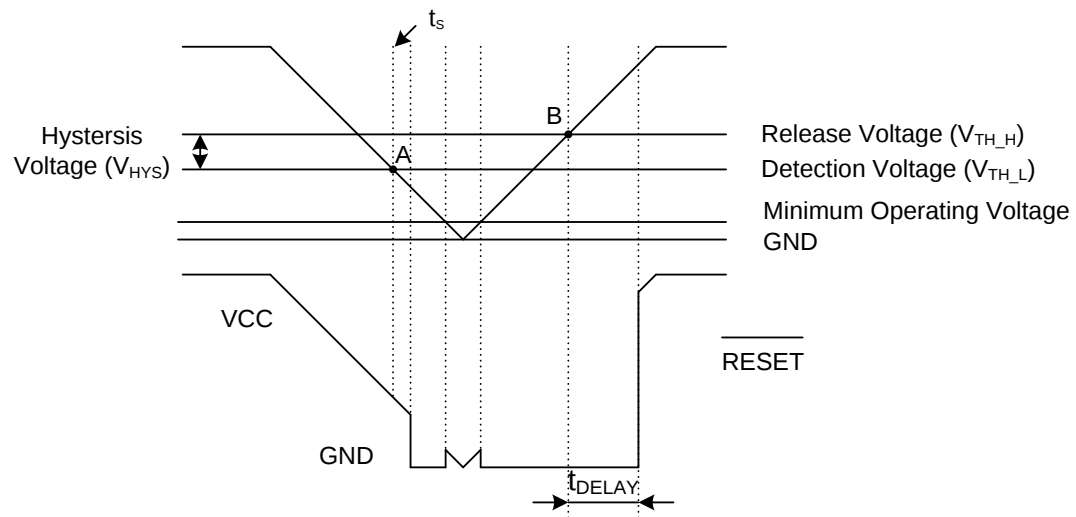
Recommended Operating Conditions (@T_A = +25°C, unless otherwise specified.)

Symbol	Parameter	Min	Max	Unit
T _A	Operating Ambient Temperature Range	-40	+85	°C
V _{CC}	Supply Voltage	0.9	5.5	V
V _{RESET}	RESET Output Voltage	0	5.5	V

Electrical Characteristics (@T_A = +25°C, unless otherwise specified.)

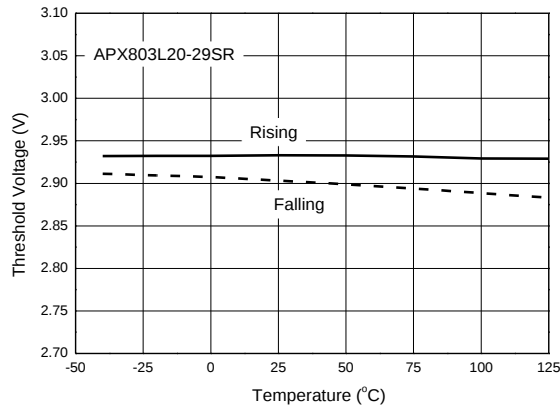
Symbol	Parameter		Test Conditions	Min	Typ	Max	Unit
I _{CC}	Supply Current		V _{TH} + 0.2V	—	1	2.5	μA
V _{TH}	Reset Threshold		T _A = +25°C	—	1.2 to 5.0	—	V
ΔV _{TH}	Threshold Voltage Accuracy		T _A = +25°C	-1.5	—	1.5	%
V _{HYS}	Reset Threshold Hysteresis		V _{TH-H} – V _{TH-L}	—	0.01V _{TH}	0.016V _{TH}	mV
$\frac{\Delta V_{TH}}{V_{TH} \times \Delta T}$	Reset Threshold Voltage Temperature Coefficient		T _A = -40°C to +85°C	—	50	—	ppm/°C
t _S	V _{CC} Drop to RESET Delay		V _{CC} = V _{TH} to (V _{TH} – 100mV)	—	20	—	μs
t _{DELAY}	Reset Active Timeout Period	APX803L-XX	V _{CC} ≥ 1.02 x V _{TH}	—	0	—	ms
		APX803L05-XX		35	55	75	
		APX803L20-XX		143	220	297	
		APX803L40-XX		292	450	608	
V _{OL}	RESET Output Voltage Low		V _{CC} = V _{TH} - 0.2, I _{SINK} = 3.5mA	—	—	0.4	V

Timing Diagram

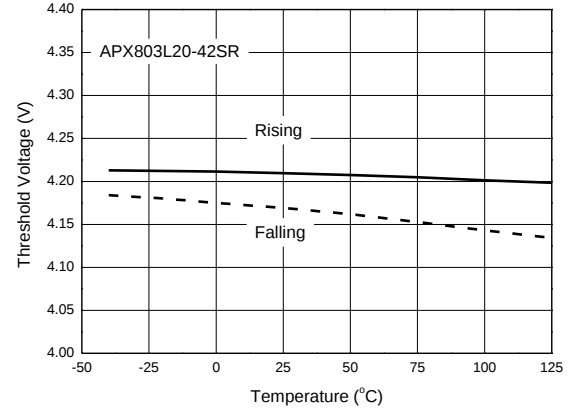


Performance Characteristics

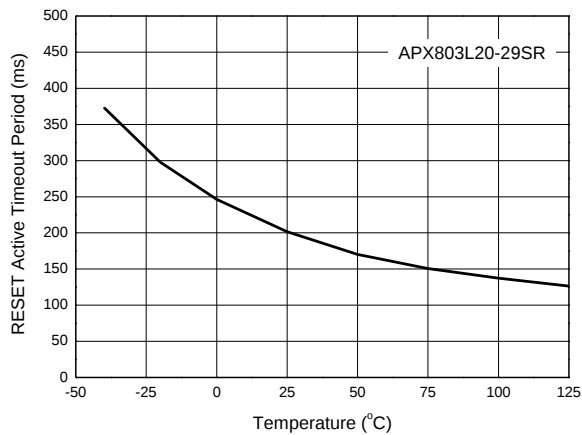
RESET Threshold Voltage vs. Temperature



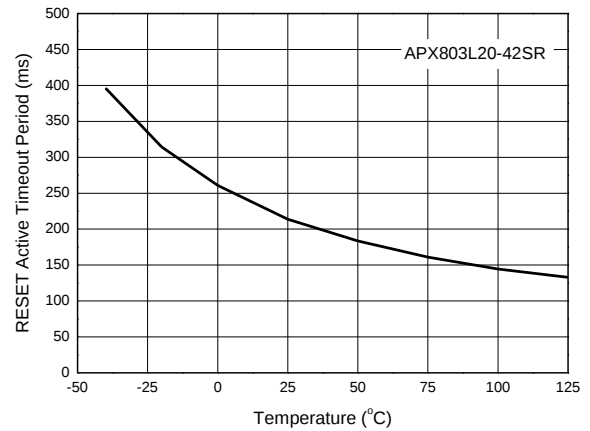
RESET Threshold Voltage vs. Temperature



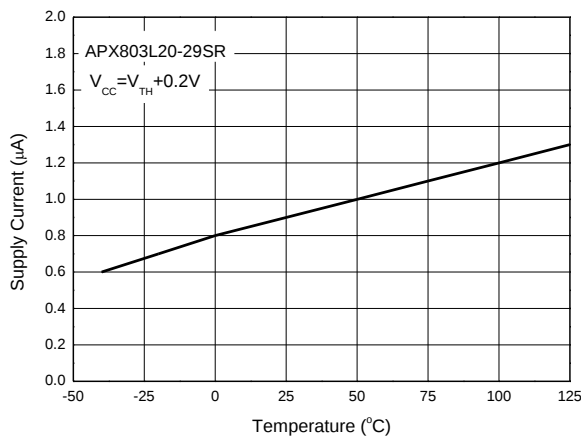
RESET Active Timeout Period vs. Temperature



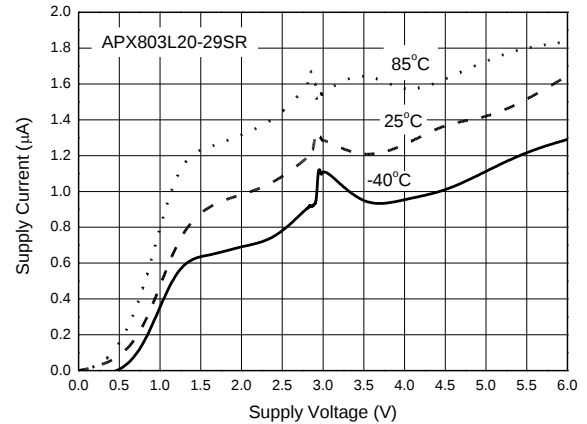
RESET Active Timeout Period vs. Temperature



Supply Current vs. Temperature

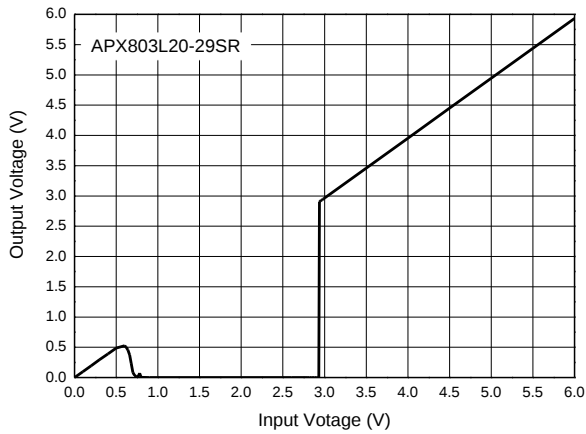


Supply Current vs. Supply Voltage

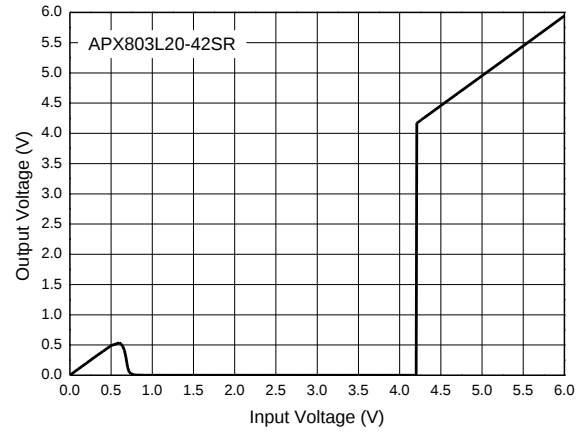


Performance Characteristics (continued)

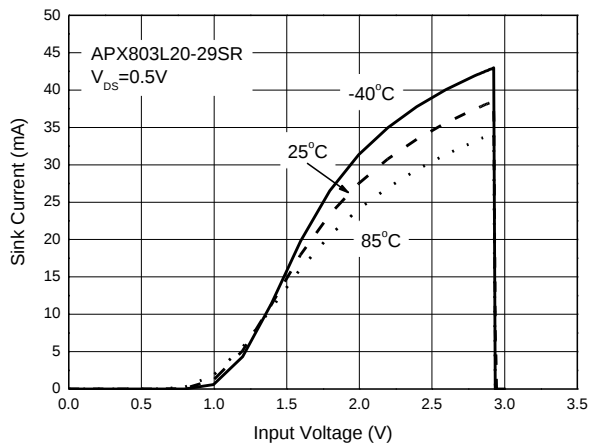
Output Voltage vs. Input Voltage



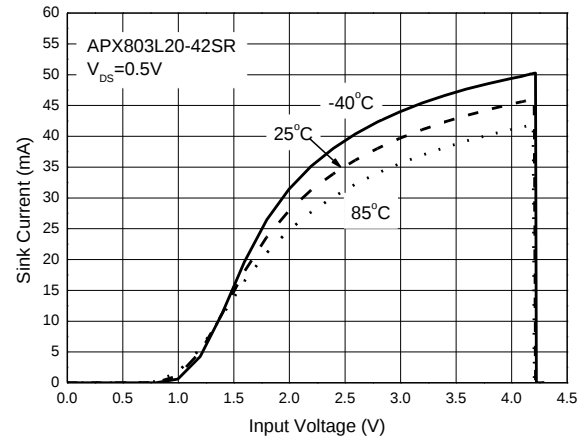
Output Voltage vs. Input Voltage



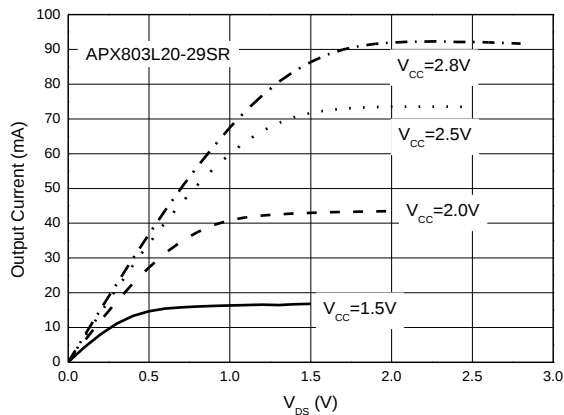
Output Sink Current vs. Input Voltage



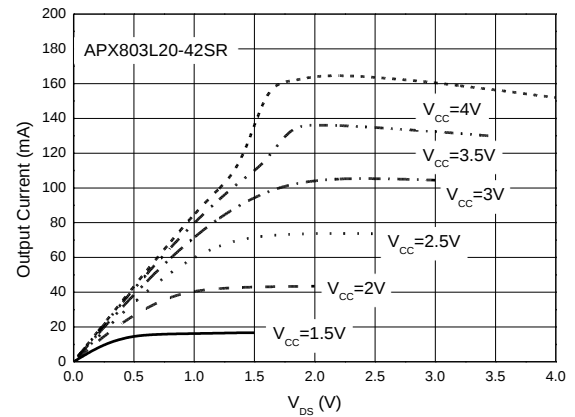
Output Sink Current vs. Input Voltage



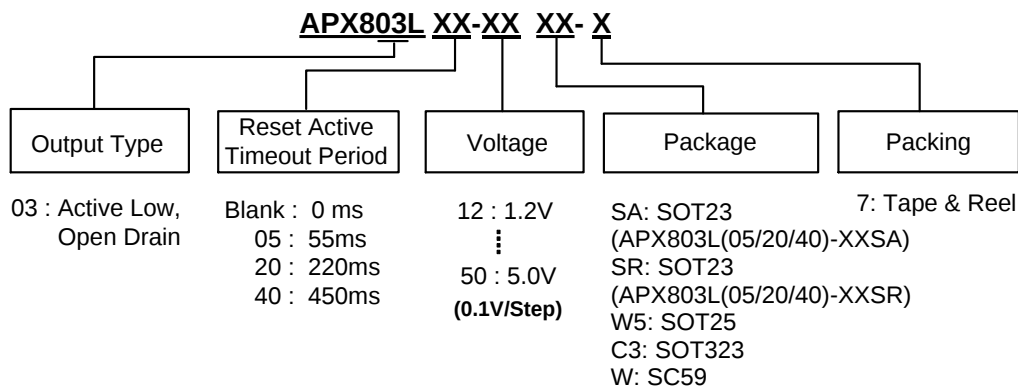
Output Current vs. V_{DS}



Output Current vs. V_{DS}



Ordering Information

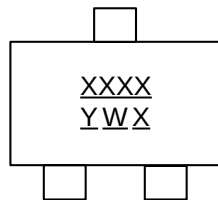


Orderable Part Number	Package Code	Package	Packing	
			Qty.	Carrier
APX803L-XXSA-7	SA	SOT23	3000	7" Tape and Reel
APX803L05-XXSA-7	SA	SOT23	3000	7" Tape and Reel
APX803L20-XXSA-7	SA	SOT23	3000	7" Tape and Reel
APX803L40-XXSA-7	SA	SOT23	3000	7" Tape and Reel
APX803L-XXSR-7	SR	SOT23	3000	7" Tape and Reel
APX803L05-XXSR-7	SR	SOT23	3000	7" Tape and Reel
APX803L20-XXSR-7	SR	SOT23	3000	7" Tape and Reel
APX803L40-XXSR-7	SR	SOT23	3000	7" Tape and Reel
APX803L-XXW5-7	W5	SOT25	3000	7" Tape and Reel
APX803L05-XXW5-7	W5	SOT25	3000	7" Tape and Reel
APX803L20-XXW5-7	W5	SOT25	3000	7" Tape and Reel
APX803L40-XXW5-7	W5	SOT25	3000	7" Tape and Reel
APX803L-XXC3-7	C3	SOT323	3000	7" Tape and Reel
APX803L05-XXC3-7	C3	SOT323	3000	7" Tape and Reel
APX803L20-XXC3-7	C3	SOT323	3000	7" Tape and Reel
APX803L40-XXC3-7	C3	SOT323	3000	7" Tape and Reel
APX803L-XXW-7	W	SC59	3000	7" Tape and Reel
APX803L05-XXW-7	W	SC59	3000	7" Tape and Reel
APX803L20-XXW-7	W	SC59	3000	7" Tape and Reel
APX803L40-XXW-7	W	SC59	3000	7" Tape and Reel

Marking Information

1) SOT23/SC59

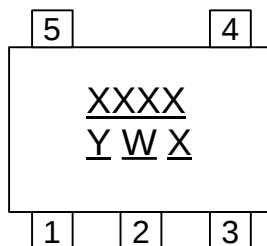
(Top View)



XXXX : Identification Code
Y : Year 0 to 9
W : Week : A to Z : 1 to 26 week;
a to z : 27 to 52 week; z represents
52 and 53 week
X : Internal Code

2) SOT25

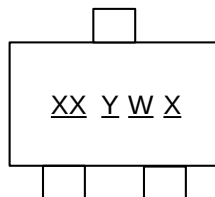
(Top View)



XXXX : Identification Code
Y : Year 0 to 9
W : Week : A to Z : 1 to 26 week;
a to z : 27 to 52 week; z represents
52 and 53 week
X : Internal Code

3) SOT323

(Top View)



XX : Identification Code
Y : Year 0 to 9
W : Week : A to Z : 1 to 26 week;
a to z : 27 to 52 week; z represents
52 and 53 week
X : Internal Code

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L-12SA	SOT23	A212	EOL	APX803L05-12SA	SOT23	A312	EOL
APX803L-13SA	SOT23	A213	EOL	APX803L05-13SA	SOT23	A313	EOL
APX803L-14SA	SOT23	A214	EOL	APX803L05-14SA	SOT23	A314	EOL
APX803L-15SA	SOT23	A215	EOL	APX803L05-15SA	SOT23	A315	EOL
APX803L-16SA	SOT23	A216	EOL	APX803L05-16SA	SOT23	A316	EOL
APX803L-17SA	SOT23	A217	EOL	APX803L05-17SA	SOT23	A317	EOL
APX803L-18SA	SOT23	A218	EOL	APX803L05-18SA	SOT23	A318	EOL
APX803L-19SA	SOT23	A219	EOL	APX803L05-19SA	SOT23	A319	EOL
APX803L-20SA	SOT23	A220	EOL	APX803L05-20SA	SOT23	A320	EOL
APX803L-21SA	SOT23	A221	EOL	APX803L05-21SA	SOT23	A321	EOL
APX803L-22SA	SOT23	A222	EOL	APX803L05-22SA	SOT23	A322	EOL
APX803L-23SA	SOT23	A223	EOL	APX803L05-23SA	SOT23	A323	EOL
APX803L-24SA	SOT23	A224	EOL	APX803L05-24SA	SOT23	A324	EOL
APX803L-25SA	SOT23	A225	Active	APX803L05-25SA	SOT23	A325	EOL
APX803L-26SA	SOT23	A226	Active	APX803L05-26SA	SOT23	A326	Active
APX803L-27SA	SOT23	A227	Active	APX803L05-27SA	SOT23	A327	Active
APX803L-28SA	SOT23	A228	Active	APX803L05-28SA	SOT23	A328	Active
APX803L-29SA	SOT23	A229	Active	APX803L05-29SA	SOT23	A329	Active
APX803L-30SA	SOT23	A230	Active	APX803L05-30SA	SOT23	A330	Active
APX803L-31SA	SOT23	A231	Active	APX803L05-31SA	SOT23	A331	Active
APX803L-32SA	SOT23	A232	EOL	APX803L05-32SA	SOT23	A332	EOL
APX803L-33SA	SOT23	A233	Active	APX803L05-33SA	SOT23	A333	Active
APX803L-34SA	SOT23	A234	EOL	APX803L05-34SA	SOT23	A334	EOL
APX803L-35SA	SOT23	A235	EOL	APX803L05-35SA	SOT23	A335	EOL
APX803L-36SA	SOT23	A236	Active	APX803L05-36SA	SOT23	A336	EOL
APX803L-37SA	SOT23	A237	EOL	APX803L05-37SA	SOT23	A337	EOL
APX803L-38SA	SOT23	A238	EOL	APX803L05-38SA	SOT23	A338	EOL
APX803L-39SA	SOT23	A239	EOL	APX803L05-39SA	SOT23	A339	EOL
APX803L-40SA	SOT23	A240	EOL	APX803L05-40SA	SOT23	A340	EOL
APX803L-41SA	SOT23	A241	EOL	APX803L05-41SA	SOT23	A341	EOL
APX803L-42SA	SOT23	A242	EOL	APX803L05-42SA	SOT23	A342	Active
APX803L-43SA	SOT23	A243	Active	APX803L05-43SA	SOT23	A343	EOL
APX803L-44SA	SOT23	A244	Active	APX803L05-44SA	SOT23	A344	EOL
APX803L-45SA	SOT23	A245	EOL	APX803L05-45SA	SOT23	A345	EOL
APX803L-46SA	SOT23	A246	Active	APX803L05-46SA	SOT23	A346	Active
APX803L-47SA	SOT23	A247	EOL	APX803L05-47SA	SOT23	A347	EOL
APX803L-48SA	SOT23	A248	EOL	APX803L05-48SA	SOT23	A348	EOL
APX803L-49SA	SOT23	A249	EOL	APX803L05-49SA	SOT23	A349	EOL
APX803L-50SA	SOT23	A250	EOL	APX803L05-50SA	SOT23	A350	EOL

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L20-12SA	SOT23	A412	Active	APX803L40-12SA	SOT23	A512	EOL
APX803L20-13SA	SOT23	A413	EOL	APX803L40-13SA	SOT23	A513	EOL
APX803L20-14SA	SOT23	A414	Active	APX803L40-14SA	SOT23	A514	EOL
APX803L20-15SA	SOT23	A415	EOL	APX803L40-15SA	SOT23	A515	EOL
APX803L20-16SA	SOT23	A416	Active	APX803L40-16SA	SOT23	A516	EOL
APX803L20-17SA	SOT23	A417	EOL	APX803L40-17SA	SOT23	A517	EOL
APX803L20-18SA	SOT23	A418	Active	APX803L40-18SA	SOT23	A518	EOL
APX803L20-19SA	SOT23	A419	EOL	APX803L40-19SA	SOT23	A519	EOL
APX803L20-20SA	SOT23	A420	EOL	APX803L40-20SA	SOT23	A520	EOL
APX803L20-21SA	SOT23	A421	EOL	APX803L40-21SA	SOT23	A521	EOL
APX803L20-22SA	SOT23	A422	EOL	APX803L40-22SA	SOT23	A522	EOL
APX803L20-23SA	SOT23	A423	Active	APX803L40-23SA	SOT23	A523	EOL
APX803L20-24SA	SOT23	A424	EOL	APX803L40-24SA	SOT23	A524	EOL
APX803L20-25SA	SOT23	A425	Active	APX803L40-25SA	SOT23	A525	EOL
APX803L20-26SA	SOT23	A426	Active	APX803L40-26SA	SOT23	A526	Active
APX803L20-27SA	SOT23	A427	Active	APX803L40-27SA	SOT23	A527	Active
APX803L20-28SA	SOT23	A428	Active	APX803L40-28SA	SOT23	A528	EOL
APX803L20-29SA	SOT23	A429	Active	APX803L40-29SA	SOT23	A529	Active
APX803L20-30SA	SOT23	A430	Active	APX803L40-30SA	SOT23	A530	Active
APX803L20-31SA	SOT23	A431	Active	APX803L40-31SA	SOT23	A531	EOL
APX803L20-32SA	SOT23	A432	EOL	APX803L40-32SA	SOT23	A532	EOL
APX803L20-33SA	SOT23	A433	Active	APX803L40-33SA	SOT23	A533	Active
APX803L20-34SA	SOT23	A434	EOL	APX803L40-34SA	SOT23	A534	EOL
APX803L20-35SA	SOT23	A435	EOL	APX803L40-35SA	SOT23	A535	EOL
APX803L20-36SA	SOT23	A436	Active	APX803L40-36SA	SOT23	A536	EOL
APX803L20-37SA	SOT23	A437	EOL	APX803L40-37SA	SOT23	A537	EOL
APX803L20-38SA	SOT23	A438	EOL	APX803L40-38SA	SOT23	A538	EOL
APX803L20-39SA	SOT23	A439	EOL	APX803L40-39SA	SOT23	A539	EOL
APX803L20-40SA	SOT23	A440	Active	APX803L40-40SA	SOT23	A540	Active
APX803L20-41SA	SOT23	A441	Active	APX803L40-41SA	SOT23	A541	Active
APX803L20-42SA	SOT23	A442	Active	APX803L40-42SA	SOT23	A542	EOL
APX803L20-43SA	SOT23	A443	Active	APX803L40-43SA	SOT23	A543	EOL
APX803L20-44SA	SOT23	A444	Active	APX803L40-44SA	SOT23	A544	EOL
APX803L20-45SA	SOT23	A445	EOL	APX803L40-45SA	SOT23	A545	EOL
APX803L20-46SA	SOT23	A446	Active	APX803L40-46SA	SOT23	A546	EOL
APX803L20-47SA	SOT23	A447	EOL	APX803L40-47SA	SOT23	A547	EOL
APX803L20-48SA	SOT23	A448	EOL	APX803L40-48SA	SOT23	A548	EOL
APX803L20-49SA	SOT23	A449	EOL	APX803L40-49SA	SOT23	A549	EOL
APX803L20-50SA	SOT23	A450	EOL	APX803L40-50SA	SOT23	A550	EOL

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L-12SR	SOT23	B212	EOL	APX803L05-12SR	SOT23	B312	EOL
APX803L-13SR	SOT23	B213	EOL	APX803L05-13SR	SOT23	B313	EOL
APX803L-14SR	SOT23	B214	EOL	APX803L05-14SR	SOT23	B314	EOL
APX803L-15SR	SOT23	B215	EOL	APX803L05-15SR	SOT23	B315	EOL
APX803L-16SR	SOT23	B216	EOL	APX803L05-16SR	SOT23	B316	EOL
APX803L-17SR	SOT23	B217	EOL	APX803L05-17SR	SOT23	B317	EOL
APX803L-18SR	SOT23	B218	EOL	APX803L05-18SR	SOT23	B318	EOL
APX803L-19SR	SOT23	B219	EOL	APX803L05-19SR	SOT23	B319	EOL
APX803L-20SR	SOT23	B220	EOL	APX803L05-20SR	SOT23	B320	EOL
APX803L-21SR	SOT23	B221	EOL	APX803L05-21SR	SOT23	B321	EOL
APX803L-22SR	SOT23	B222	EOL	APX803L05-22SR	SOT23	B322	EOL
APX803L-23SR	SOT23	B223	EOL	APX803L05-23SR	SOT23	B323	EOL
APX803L-24SR	SOT23	B224	EOL	APX803L05-24SR	SOT23	B324	EOL
APX803L-25SR	SOT23	B225	EOL	APX803L05-25SR	SOT23	B325	EOL
APX803L-26SR	SOT23	B226	EOL	APX803L05-26SR	SOT23	B326	Active
APX803L-27SR	SOT23	B227	Active	APX803L05-27SR	SOT23	B327	EOL
APX803L-28SR	SOT23	B228	Active	APX803L05-28SR	SOT23	B328	EOL
APX803L-29SR	SOT23	B229	Active	APX803L05-29SR	SOT23	B329	Active
APX803L-30SR	SOT23	B230	Active	APX803L05-30SR	SOT23	B330	EOL
APX803L-31SR	SOT23	B231	EOL	APX803L05-31SR	SOT23	B331	EOL
APX803L-32SR	SOT23	B232	EOL	APX803L05-32SR	SOT23	B332	EOL
APX803L-33SR	SOT23	B233	EOL	APX803L05-33SR	SOT23	B333	EOL
APX803L-34SR	SOT23	B234	EOL	APX803L05-34SR	SOT23	B334	EOL
APX803L-35SR	SOT23	B235	EOL	APX803L05-35SR	SOT23	B335	EOL
APX803L-36SR	SOT23	B236	EOL	APX803L05-36SR	SOT23	B336	EOL
APX803L-37SR	SOT23	B237	EOL	APX803L05-37SR	SOT23	B337	EOL
APX803L-38SR	SOT23	B238	EOL	APX803L05-38SR	SOT23	B338	EOL
APX803L-39SR	SOT23	B239	EOL	APX803L05-39SR	SOT23	B339	EOL
APX803L-40SR	SOT23	B240	EOL	APX803L05-40SR	SOT23	B340	EOL
APX803L-41SR	SOT23	B241	EOL	APX803L05-41SR	SOT23	B341	EOL
APX803L-42SR	SOT23	B242	EOL	APX803L05-42SR	SOT23	B342	EOL
APX803L-43SR	SOT23	B243	EOL	APX803L05-43SR	SOT23	B343	EOL
APX803L-44SR	SOT23	B244	EOL	APX803L05-44SR	SOT23	B344	EOL
APX803L-45SR	SOT23	B245	EOL	APX803L05-45SR	SOT23	B345	EOL
APX803L-46SR	SOT23	B246	EOL	APX803L05-46SR	SOT23	B346	EOL
APX803L-47SR	SOT23	B247	EOL	APX803L05-47SR	SOT23	B347	EOL
APX803L-48SR	SOT23	B248	EOL	APX803L05-48SR	SOT23	B348	EOL
APX803L-49SR	SOT23	B249	EOL	APX803L05-49SR	SOT23	B349	EOL
APX803L-50SR	SOT23	B250	EOL	APX803L05-50SR	SOT23	B350	EOL

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L20-12SR	SOT23	B412	EOL	APX803L40-12SR	SOT23	B512	EOL
APX803L20-13SR	SOT23	B413	EOL	APX803L40-13SR	SOT23	B513	EOL
APX803L20-14SR	SOT23	B414	EOL	APX803L40-14SR	SOT23	B514	EOL
APX803L20-15SR	SOT23	B415	EOL	APX803L40-15SR	SOT23	B515	EOL
APX803L20-16SR	SOT23	B416	EOL	APX803L40-16SR	SOT23	B516	EOL
APX803L20-17SR	SOT23	B417	EOL	APX803L40-17SR	SOT23	B517	EOL
APX803L20-18SR	SOT23	B418	EOL	APX803L40-18SR	SOT23	B518	EOL
APX803L20-19SR	SOT23	B419	EOL	APX803L40-19SR	SOT23	B519	EOL
APX803L20-20SR	SOT23	B420	EOL	APX803L40-20SR	SOT23	B520	EOL
APX803L20-21SR	SOT23	B421	EOL	APX803L40-21SR	SOT23	B521	EOL
APX803L20-22SR	SOT23	B422	EOL	APX803L40-22SR	SOT23	B522	EOL
APX803L20-23SR	SOT23	B423	Active	APX803L40-23SR	SOT23	B523	EOL
APX803L20-24SR	SOT23	B424	EOL	APX803L40-24SR	SOT23	B524	EOL
APX803L20-25SR	SOT23	B425	EOL	APX803L40-25SR	SOT23	B525	EOL
APX803L20-26SR	SOT23	B426	Active	APX803L40-26SR	SOT23	B526	EOL
APX803L20-27SR	SOT23	B427	Active	APX803L40-27SR	SOT23	B527	Active
APX803L20-28SR	SOT23	B428	Active	APX803L40-28SR	SOT23	B528	EOL
APX803L20-29SR	SOT23	B429	Active	APX803L40-29SR	SOT23	B529	EOL
APX803L20-30SR	SOT23	B430	Active	APX803L40-30SR	SOT23	B530	EOL
APX803L20-31SR	SOT23	B431	Active	APX803L40-31SR	SOT23	B531	EOL
APX803L20-32SR	SOT23	B432	EOL	APX803L40-32SR	SOT23	B532	EOL
APX803L20-33SR	SOT23	B433	EOL	APX803L40-33SR	SOT23	B533	Active
APX803L20-34SR	SOT23	B434	EOL	APX803L40-34SR	SOT23	B534	EOL
APX803L20-35SR	SOT23	B435	EOL	APX803L40-35SR	SOT23	B535	EOL
APX803L20-36SR	SOT23	B436	EOL	APX803L40-36SR	SOT23	B536	EOL
APX803L20-37SR	SOT23	B437	EOL	APX803L40-37SR	SOT23	B537	EOL
APX803L20-38SR	SOT23	B438	EOL	APX803L40-38SR	SOT23	B538	EOL
APX803L20-39SR	SOT23	B439	EOL	APX803L40-39SR	SOT23	B539	EOL
APX803L20-40SR	SOT23	B440	EOL	APX803L40-40SR	SOT23	B540	EOL
APX803L20-41SR	SOT23	B441	EOL	APX803L40-41SR	SOT23	B541	EOL
APX803L20-42SR	SOT23	B442	Active	APX803L40-42SR	SOT23	B542	EOL
APX803L20-43SR	SOT23	B443	Active	APX803L40-43SR	SOT23	B543	EOL
APX803L20-44SR	SOT23	B444	Active	APX803L40-44SR	SOT23	B544	EOL
APX803L20-45SR	SOT23	B445	EOL	APX803L40-45SR	SOT23	B545	EOL
APX803L20-46SR	SOT23	B446	Active	APX803L40-46SR	SOT23	B546	EOL
APX803L20-47SR	SOT23	B447	EOL	APX803L40-47SR	SOT23	B547	EOL
APX803L20-48SR	SOT23	B448	EOL	APX803L40-48SR	SOT23	B548	EOL
APX803L20-49SR	SOT23	B449	EOL	APX803L40-49SR	SOT23	B549	EOL
APX803L20-50SR	SOT23	B450	EOL	APX803L40-50SR	SOT23	B550	EOL

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L-12W5	SOT25	C212	EOL	APX803L05-12W5	SOT25	C312	EOL
APX803L-13W5	SOT25	C213	EOL	APX803L05-13W5	SOT25	C313	EOL
APX803L-14W5	SOT25	C214	EOL	APX803L05-14W5	SOT25	C314	EOL
APX803L-15W5	SOT25	C215	EOL	APX803L05-15W5	SOT25	C315	EOL
APX803L-16W5	SOT25	C216	EOL	APX803L05-16W5	SOT25	C316	EOL
APX803L-17W5	SOT25	C217	EOL	APX803L05-17W5	SOT25	C317	EOL
APX803L-18W5	SOT25	C218	EOL	APX803L05-18W5	SOT25	C318	EOL
APX803L-19W5	SOT25	C219	EOL	APX803L05-19W5	SOT25	C319	EOL
APX803L-20W5	SOT25	C220	EOL	APX803L05-20W5	SOT25	C320	EOL
APX803L-21W5	SOT25	C221	EOL	APX803L05-21W5	SOT25	C321	EOL
APX803L-22W5	SOT25	C222	EOL	APX803L05-22W5	SOT25	C322	EOL
APX803L-23W5	SOT25	C223	EOL	APX803L05-23W5	SOT25	C323	EOL
APX803L-24W5	SOT25	C224	EOL	APX803L05-24W5	SOT25	C324	EOL
APX803L-25W5	SOT25	C225	EOL	APX803L05-25W5	SOT25	C325	EOL
APX803L-26W5	SOT25	C226	EOL	APX803L05-26W5	SOT25	C326	EOL
APX803L-27W5	SOT25	C227	Active	APX803L05-27W5	SOT25	C327	EOL
APX803L-28W5	SOT25	C228	Active	APX803L05-28W5	SOT25	C328	EOL
APX803L-29W5	SOT25	C229	EOL	APX803L05-29W5	SOT25	C329	EOL
APX803L-30W5	SOT25	C230	EOL	APX803L05-30W5	SOT25	C330	EOL
APX803L-31W5	SOT25	C231	EOL	APX803L05-31W5	SOT25	C331	EOL
APX803L-32W5	SOT25	C232	EOL	APX803L05-32W5	SOT25	C332	EOL
APX803L-33W5	SOT25	C233	EOL	APX803L05-33W5	SOT25	C333	EOL
APX803L-34W5	SOT25	C234	EOL	APX803L05-34W5	SOT25	C334	EOL
APX803L-35W5	SOT25	C235	EOL	APX803L05-35W5	SOT25	C335	EOL
APX803L-36W5	SOT25	C236	EOL	APX803L05-36W5	SOT25	C336	EOL
APX803L-37W5	SOT25	C237	EOL	APX803L05-37W5	SOT25	C337	EOL
APX803L-38W5	SOT25	C238	EOL	APX803L05-38W5	SOT25	C338	EOL
APX803L-39W5	SOT25	C239	EOL	APX803L05-39W5	SOT25	C339	EOL
APX803L-40W5	SOT25	C240	EOL	APX803L05-40W5	SOT25	C340	EOL
APX803L-41W5	SOT25	C241	EOL	APX803L05-41W5	SOT25	C341	EOL
APX803L-42W5	SOT25	C242	EOL	APX803L05-42W5	SOT25	C342	EOL
APX803L-43W5	SOT25	C243	EOL	APX803L05-43W5	SOT25	C343	EOL
APX803L-44W5	SOT25	C244	EOL	APX803L05-44W5	SOT25	C344	EOL
APX803L-45W5	SOT25	C245	EOL	APX803L05-45W5	SOT25	C345	EOL
APX803L-46W5	SOT25	C246	EOL	APX803L05-46W5	SOT25	C346	EOL
APX803L-47W5	SOT25	C247	EOL	APX803L05-47W5	SOT25	C347	EOL
APX803L-48W5	SOT25	C248	EOL	APX803L05-48W5	SOT25	C348	EOL
APX803L-49W5	SOT25	C249	EOL	APX803L05-49W5	SOT25	C349	EOL
APX803L-50W5	SOT25	C250	EOL	APX803L05-50W5	SOT25	C350	EOL

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L20-12W5	SOT25	C412	EOL	APX803L40-12W5	SOT25	C512	EOL
APX803L20-13W5	SOT25	C413	EOL	APX803L40-13W5	SOT25	C513	EOL
APX803L20-14W5	SOT25	C414	EOL	APX803L40-14W5	SOT25	C514	EOL
APX803L20-15W5	SOT25	C415	EOL	APX803L40-15W5	SOT25	C515	EOL
APX803L20-16W5	SOT25	C416	EOL	APX803L40-16W5	SOT25	C516	EOL
APX803L20-17W5	SOT25	C417	EOL	APX803L40-17W5	SOT25	C517	EOL
APX803L20-18W5	SOT25	C418	EOL	APX803L40-18W5	SOT25	C518	EOL
APX803L20-19W5	SOT25	C419	EOL	APX803L40-19W5	SOT25	C519	EOL
APX803L20-20W5	SOT25	C420	EOL	APX803L40-20W5	SOT25	C520	EOL
APX803L20-21W5	SOT25	C421	EOL	APX803L40-21W5	SOT25	C521	EOL
APX803L20-22W5	SOT25	C422	EOL	APX803L40-22W5	SOT25	C522	EOL
APX803L20-23W5	SOT25	C423	EOL	APX803L40-23W5	SOT25	C523	EOL
APX803L20-24W5	SOT25	C424	EOL	APX803L40-24W5	SOT25	C524	EOL
APX803L20-25W5	SOT25	C425	EOL	APX803L40-25W5	SOT25	C525	EOL
APX803L20-26W5	SOT25	C426	EOL	APX803L40-26W5	SOT25	C526	EOL
APX803L20-27W5	SOT25	C427	EOL	APX803L40-27W5	SOT25	C527	EOL
APX803L20-28W5	SOT25	C428	EOL	APX803L40-28W5	SOT25	C528	EOL
APX803L20-29W5	SOT25	C429	Active	APX803L40-29W5	SOT25	C529	EOL
APX803L20-30W5	SOT25	C430	EOL	APX803L40-30W5	SOT25	C530	EOL
APX803L20-31W5	SOT25	C431	Active	APX803L40-31W5	SOT25	C531	EOL
APX803L20-32W5	SOT25	C432	EOL	APX803L40-32W5	SOT25	C532	EOL
APX803L20-33W5	SOT25	C433	EOL	APX803L40-33W5	SOT25	C533	EOL
APX803L20-34W5	SOT25	C434	EOL	APX803L40-34W5	SOT25	C534	EOL
APX803L20-35W5	SOT25	C435	EOL	APX803L40-35W5	SOT25	C535	EOL
APX803L20-36W5	SOT25	C436	EOL	APX803L40-36W5	SOT25	C536	EOL
APX803L20-37W5	SOT25	C437	EOL	APX803L40-37W5	SOT25	C537	EOL
APX803L20-38W5	SOT25	C438	EOL	APX803L40-38W5	SOT25	C538	EOL
APX803L20-39W5	SOT25	C439	EOL	APX803L40-39W5	SOT25	C539	EOL
APX803L20-40W5	SOT25	C440	EOL	APX803L40-40W5	SOT25	C540	EOL
APX803L20-41W5	SOT25	C441	EOL	APX803L40-41W5	SOT25	C541	EOL
APX803L20-42W5	SOT25	C442	EOL	APX803L40-42W5	SOT25	C542	EOL
APX803L20-43W5	SOT25	C443	EOL	APX803L40-43W5	SOT25	C543	EOL
APX803L20-44W5	SOT25	C444	Active	APX803L40-44W5	SOT25	C544	EOL
APX803L20-45W5	SOT25	C445	EOL	APX803L40-45W5	SOT25	C545	EOL
APX803L20-46W5	SOT25	C446	EOL	APX803L40-46W5	SOT25	C546	EOL
APX803L20-47W5	SOT25	C447	EOL	APX803L40-47W5	SOT25	C547	EOL
APX803L20-48W5	SOT25	C448	EOL	APX803L40-48W5	SOT25	C548	EOL
APX803L20-49W5	SOT25	C449	EOL	APX803L40-49W5	SOT25	C549	EOL
APX803L20-50W5	SOT25	C450	EOL	APX803L40-50W5	SOT25	C550	EOL

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L-12C3	SOT323	2A	EOL	APX803L05-12C3	SOT323	4A	EOL
APX803L-13C3	SOT323	2B	EOL	APX803L05-13C3	SOT323	4B	EOL
APX803L-14C3	SOT323	2C	EOL	APX803L05-14C3	SOT323	4C	EOL
APX803L-15C3	SOT323	2D	EOL	APX803L05-15C3	SOT323	4D	EOL
APX803L-16C3	SOT323	2E	EOL	APX803L05-16C3	SOT323	4E	EOL
APX803L-17C3	SOT323	2F	EOL	APX803L05-17C3	SOT323	4F	EOL
APX803L-18C3	SOT323	2G	EOL	APX803L05-18C3	SOT323	4G	EOL
APX803L-19C3	SOT323	2H	EOL	APX803L05-19C3	SOT323	4H	EOL
APX803L-20C3	SOT323	2J	EOL	APX803L05-20C3	SOT323	4J	EOL
APX803L-21C3	SOT323	2K	EOL	APX803L05-21C3	SOT323	4K	EOL
APX803L-22C3	SOT323	2M	EOL	APX803L05-22C3	SOT323	4M	EOL
APX803L-23C3	SOT323	2N	EOL	APX803L05-23C3	SOT323	4N	EOL
APX803L-24C3	SOT323	2P	EOL	APX803L05-24C3	SOT323	4P	EOL
APX803L-25C3	SOT323	2R	EOL	APX803L05-25C3	SOT323	4R	EOL
APX803L-26C3	SOT323	2S	EOL	APX803L05-26C3	SOT323	4S	EOL
APX803L-27C3	SOT323	2T	EOL	APX803L05-27C3	SOT323	4T	EOL
APX803L-28C3	SOT323	2U	EOL	APX803L05-28C3	SOT323	4U	EOL
APX803L-29C3	SOT323	2V	Active	APX803L05-29C3	SOT323	4V	Active
APX803L-30C3	SOT323	2W	EOL	APX803L05-30C3	SOT323	4W	EOL
APX803L-31C3	SOT323	2X	Active	APX803L05-31C3	SOT323	4X	EOL
APX803L-32C3	SOT323	3A	EOL	APX803L05-32C3	SOT323	5A	EOL
APX803L-33C3	SOT323	3B	EOL	APX803L05-33C3	SOT323	5B	EOL
APX803L-34C3	SOT323	3C	EOL	APX803L05-34C3	SOT323	5C	EOL
APX803L-35C3	SOT323	3D	EOL	APX803L05-35C3	SOT323	5D	EOL
APX803L-36C3	SOT323	3E	EOL	APX803L05-36C3	SOT323	5E	EOL
APX803L-37C3	SOT323	3F	EOL	APX803L05-37C3	SOT323	5F	EOL
APX803L-38C3	SOT323	3G	EOL	APX803L05-38C3	SOT323	5G	EOL
APX803L-39C3	SOT323	3H	EOL	APX803L05-39C3	SOT323	5H	EOL
APX803L-40C3	SOT323	3J	EOL	APX803L05-40C3	SOT323	5J	EOL
APX803L-41C3	SOT323	3K	EOL	APX803L05-41C3	SOT323	5K	EOL
APX803L-42C3	SOT323	3M	EOL	APX803L05-42C3	SOT323	5M	EOL
APX803L-43C3	SOT323	3N	EOL	APX803L05-43C3	SOT323	5N	EOL
APX803L-44C3	SOT323	3P	EOL	APX803L05-44C3	SOT323	5P	EOL
APX803L-45C3	SOT323	3R	EOL	APX803L05-45C3	SOT323	5R	EOL
APX803L-46C3	SOT323	3S	EOL	APX803L05-46C3	SOT323	5S	EOL
APX803L-47C3	SOT323	3T	EOL	APX803L05-47C3	SOT323	5T	EOL
APX803L-48C3	SOT323	3U	EOL	APX803L05-48C3	SOT323	5U	EOL
APX803L-49C3	SOT323	3V	EOL	APX803L05-49C3	SOT323	5V	EOL
APX803L-50C3	SOT323	3W	EOL	APX803L05-50C3	SOT323	5W	EOL

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L20-12C3	SOT323	6A	Active	APX803L40-12C3	SOT323	8A	EOL
APX803L20-13C3	SOT323	6B	EOL	APX803L40-13C3	SOT323	8B	EOL
APX803L20-14C3	SOT323	6C	EOL	APX803L40-14C3	SOT323	8C	EOL
APX803L20-15C3	SOT323	6D	EOL	APX803L40-15C3	SOT323	8D	EOL
APX803L20-16C3	SOT323	6E	EOL	APX803L40-16C3	SOT323	8E	EOL
APX803L20-17C3	SOT323	6F	EOL	APX803L40-17C3	SOT323	8F	EOL
APX803L20-18C3	SOT323	6G	EOL	APX803L40-18C3	SOT323	8G	EOL
APX803L20-19C3	SOT323	6H	EOL	APX803L40-19C3	SOT323	8H	EOL
APX803L20-20C3	SOT323	6J	EOL	APX803L40-20C3	SOT323	8J	EOL
APX803L20-21C3	SOT323	6K	EOL	APX803L40-21C3	SOT323	8K	EOL
APX803L20-22C3	SOT323	6M	EOL	APX803L40-22C3	SOT323	8M	EOL
APX803L20-23C3	SOT323	6N	Active	APX803L40-23C3	SOT323	8N	EOL
APX803L20-24C3	SOT323	6P	EOL	APX803L40-24C3	SOT323	8P	EOL
APX803L20-25C3	SOT323	6R	EOL	APX803L40-25C3	SOT323	8R	EOL
APX803L20-26C3	SOT323	6S	Active	APX803L40-26C3	SOT323	8S	EOL
APX803L20-27C3	SOT323	6T	EOL	APX803L40-27C3	SOT323	8T	EOL
APX803L20-28C3	SOT323	6U	EOL	APX803L40-28C3	SOT323	8U	EOL
APX803L20-29C3	SOT323	6V	Active	APX803L40-29C3	SOT323	8V	Active
APX803L20-30C3	SOT323	6W	EOL	APX803L40-30C3	SOT323	8W	EOL
APX803L20-31C3	SOT323	6X	Active	APX803L40-31C3	SOT323	8X	EOL
APX803L20-32C3	SOT323	7A	EOL	APX803L40-32C3	SOT323	9A	EOL
APX803L20-33C3	SOT323	7B	EOL	APX803L40-33C3	SOT323	9B	EOL
APX803L20-34C3	SOT323	7C	EOL	APX803L40-34C3	SOT323	9C	EOL
APX803L20-35C3	SOT323	7D	EOL	APX803L40-35C3	SOT323	9D	EOL
APX803L20-36C3	SOT323	7E	EOL	APX803L40-36C3	SOT323	9E	EOL
APX803L20-37C3	SOT323	7F	EOL	APX803L40-37C3	SOT323	9F	EOL
APX803L20-38C3	SOT323	7G	EOL	APX803L40-38C3	SOT323	9G	EOL
APX803L20-39C3	SOT323	7H	EOL	APX803L40-39C3	SOT323	9H	EOL
APX803L20-40C3	SOT323	7J	EOL	APX803L40-40C3	SOT323	9J	EOL
APX803L20-41C3	SOT323	7K	EOL	APX803L40-41C3	SOT323	9K	EOL
APX803L20-42C3	SOT323	7M	EOL	APX803L40-42C3	SOT323	9M	EOL
APX803L20-43C3	SOT323	7N	Active	APX803L40-43C3	SOT323	9N	EOL
APX803L20-44C3	SOT323	7P	Active	APX803L40-44C3	SOT323	9P	EOL
APX803L20-45C3	SOT323	7R	EOL	APX803L40-45C3	SOT323	9R	EOL
APX803L20-46C3	SOT323	7S	Active	APX803L40-46C3	SOT323	9S	EOL
APX803L20-47C3	SOT323	7T	EOL	APX803L40-47C3	SOT323	9T	EOL
APX803L20-48C3	SOT323	7U	EOL	APX803L40-48C3	SOT323	9U	EOL
APX803L20-49C3	SOT323	7V	EOL	APX803L40-49C3	SOT323	9V	EOL
APX803L20-50C3	SOT323	7W	EOL	APX803L40-50C3	SOT323	9W	EOL

Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
APX803L-12W	SC59	D212	EOL	APX803L05-12W	SC59	D312	EOL
APX803L-13W	SC59	D213	EOL	APX803L05-13W	SC59	D313	EOL
APX803L-14W	SC59	D214	EOL	APX803L05-14W	SC59	D314	EOL
APX803L-15W	SC59	D215	EOL	APX803L05-15W	SC59	D315	EOL
APX803L-16W	SC59	D216	EOL	APX803L05-16W	SC59	D316	EOL
APX803L-17W	SC59	D217	EOL	APX803L05-17W	SC59	D317	EOL
APX803L-18W	SC59	D218	EOL	APX803L05-18W	SC59	D318	EOL
APX803L-19W	SC59	D219	EOL	APX803L05-19W	SC59	D319	EOL
APX803L-20W	SC59	D220	EOL	APX803L05-20W	SC59	D320	EOL
APX803L-21W	SC59	D221	EOL	APX803L05-21W	SC59	D321	EOL
APX803L-22W	SC59	D222	EOL	APX803L05-22W	SC59	D322	EOL
APX803L-23W	SC59	D223	EOL	APX803L05-23W	SC59	D323	EOL
APX803L-24W	SC59	D224	EOL	APX803L05-24W	SC59	D324	EOL
APX803L-25W	SC59	D225	EOL	APX803L05-25W	SC59	D325	EOL
APX803L-26W	SC59	D226	EOL	APX803L05-26W	SC59	D326	EOL
APX803L-27W	SC59	D227	EOL	APX803L05-27W	SC59	D327	EOL
APX803L-28W	SC59	D228	EOL	APX803L05-28W	SC59	D328	EOL
APX803L-29W	SC59	D229	EOL	APX803L05-29W	SC59	D329	EOL
APX803L-30W	SC59	D230	EOL	APX803L05-30W	SC59	D330	EOL
APX803L-31W	SC59	D231	EOL	APX803L05-31W	SC59	D331	EOL
APX803L-32W	SC59	D232	EOL	APX803L05-32W	SC59	D332	EOL
APX803L-33W	SC59	D233	EOL	APX803L05-33W	SC59	D333	EOL
APX803L-34W	SC59	D234	EOL	APX803L05-34W	SC59	D334	EOL
APX803L-35W	SC59	D235	EOL	APX803L05-35W	SC59	D335	EOL
APX803L-36W	SC59	D236	EOL	APX803L05-36W	SC59	D336	EOL
APX803L-37W	SC59	D237	EOL	APX803L05-37W	SC59	D337	EOL
APX803L-38W	SC59	D238	EOL	APX803L05-38W	SC59	D338	EOL
APX803L-39W	SC59	D239	EOL	APX803L05-39W	SC59	D339	EOL
APX803L-40W	SC59	D240	EOL	APX803L05-40W	SC59	D340	EOL
APX803L-41W	SC59	D241	EOL	APX803L05-41W	SC59	D341	EOL
APX803L-42W	SC59	D242	EOL	APX803L05-42W	SC59	D342	EOL
APX803L-43W	SC59	D243	EOL	APX803L05-43W	SC59	D343	EOL
APX803L-44W	SC59	D244	EOL	APX803L05-44W	SC59	D344	EOL
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APX803L-47W	SC59	D247	EOL	APX803L05-47W	SC59	D347	EOL
APX803L-48W	SC59	D248	EOL	APX803L05-48W	SC59	D348	EOL
APX803L-49W	SC59	D249	EOL	APX803L05-49W	SC59	D349	EOL
APX803L-50W	SC59	D250	EOL	APX803L05-50W	SC59	D350	EOL

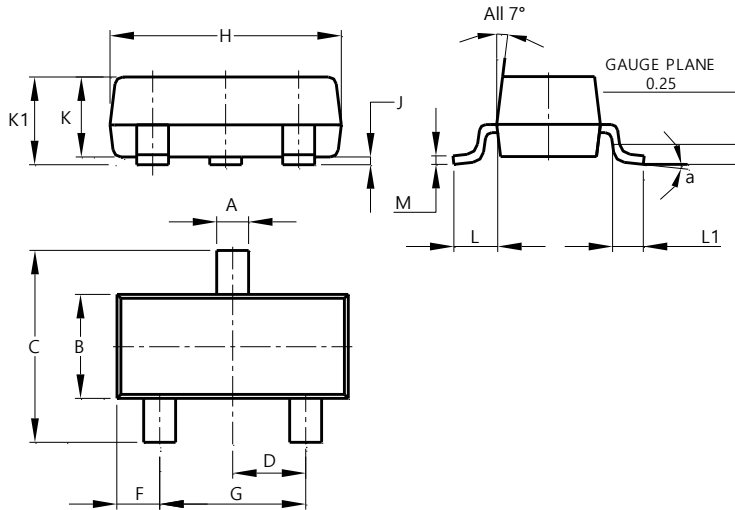
Marking Information (continued)

Orderable Part Number	Package	Identification Code	Status	Orderable Part Number	Package	Identification Code	Status
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APX803L20-13W	SC59	D413	EOL	APX803L40-13W	SC59	D513	EOL
APX803L20-14W	SC59	D414	EOL	APX803L40-14W	SC59	D514	EOL
APX803L20-15W	SC59	D415	EOL	APX803L40-15W	SC59	D515	EOL
APX803L20-16W	SC59	D416	EOL	APX803L40-16W	SC59	D516	EOL
APX803L20-17W	SC59	D417	EOL	APX803L40-17W	SC59	D517	EOL
APX803L20-18W	SC59	D418	EOL	APX803L40-18W	SC59	D518	EOL
APX803L20-19W	SC59	D419	EOL	APX803L40-19W	SC59	D519	EOL
APX803L20-20W	SC59	D420	EOL	APX803L40-20W	SC59	D520	EOL
APX803L20-21W	SC59	D421	EOL	APX803L40-21W	SC59	D521	EOL
APX803L20-22W	SC59	D422	EOL	APX803L40-22W	SC59	D522	EOL
APX803L20-23W	SC59	D423	EOL	APX803L40-23W	SC59	D523	EOL
APX803L20-24W	SC59	D424	EOL	APX803L40-24W	SC59	D524	EOL
APX803L20-25W	SC59	D425	EOL	APX803L40-25W	SC59	D525	EOL
APX803L20-26W	SC59	D426	EOL	APX803L40-26W	SC59	D526	EOL
APX803L20-27W	SC59	D427	EOL	APX803L40-27W	SC59	D527	EOL
APX803L20-28W	SC59	D428	EOL	APX803L40-28W	SC59	D528	EOL
APX803L20-29W	SC59	D429	EOL	APX803L40-29W	SC59	D529	EOL
APX803L20-30W	SC59	D430	EOL	APX803L40-30W	SC59	D530	EOL
APX803L20-31W	SC59	D431	EOL	APX803L40-31W	SC59	D531	EOL
APX803L20-32W	SC59	D432	EOL	APX803L40-32W	SC59	D532	EOL
APX803L20-33W	SC59	D433	EOL	APX803L40-33W	SC59	D533	EOL
APX803L20-34W	SC59	D434	EOL	APX803L40-34W	SC59	D534	EOL
APX803L20-35W	SC59	D435	EOL	APX803L40-35W	SC59	D535	EOL
APX803L20-36W	SC59	D436	EOL	APX803L40-36W	SC59	D536	EOL
APX803L20-37W	SC59	D437	EOL	APX803L40-37W	SC59	D537	EOL
APX803L20-38W	SC59	D438	EOL	APX803L40-38W	SC59	D538	EOL
APX803L20-39W	SC59	D439	EOL	APX803L40-39W	SC59	D539	EOL
APX803L20-40W	SC59	D440	EOL	APX803L40-40W	SC59	D540	EOL
APX803L20-41W	SC59	D441	EOL	APX803L40-41W	SC59	D541	EOL
APX803L20-42W	SC59	D442	EOL	APX803L40-42W	SC59	D542	EOL
APX803L20-43W	SC59	D443	EOL	APX803L40-43W	SC59	D543	EOL
APX803L20-44W	SC59	D444	EOL	APX803L40-44W	SC59	D544	EOL
APX803L20-45W	SC59	D445	EOL	APX803L40-45W	SC59	D545	EOL
APX803L20-46W	SC59	D446	EOL	APX803L40-46W	SC59	D546	EOL
APX803L20-47W	SC59	D447	EOL	APX803L40-47W	SC59	D547	EOL
APX803L20-48W	SC59	D448	EOL	APX803L40-48W	SC59	D548	EOL
APX803L20-49W	SC59	D449	EOL	APX803L40-49W	SC59	D549	EOL
APX803L20-50W	SC59	D450	EOL	APX803L40-50W	SC59	D550	EOL

Package Outline Dimensions

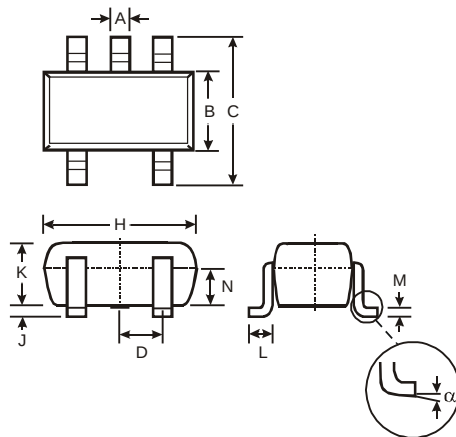
Please see <http://www.diodes.com/package-outlines.html> for the latest version.

(1) Package Type: SOT23



SOT23			
Dim	Min	Max	Typ
A	0.37	0.51	0.40
B	1.20	1.40	1.30
C	2.30	2.50	2.40
D	0.89	1.03	0.915
F	0.45	0.60	0.535
G	1.78	2.05	1.83
H	2.80	3.00	2.90
J	0.013	0.10	0.05
K	0.890	1.00	0.975
K1	0.903	1.10	1.025
L	0.45	0.61	0.55
L1	0.25	0.55	0.40
M	0.085	0.150	0.110
a	0°	8°	--
All Dimensions in mm			

(2) Package Type: SOT25

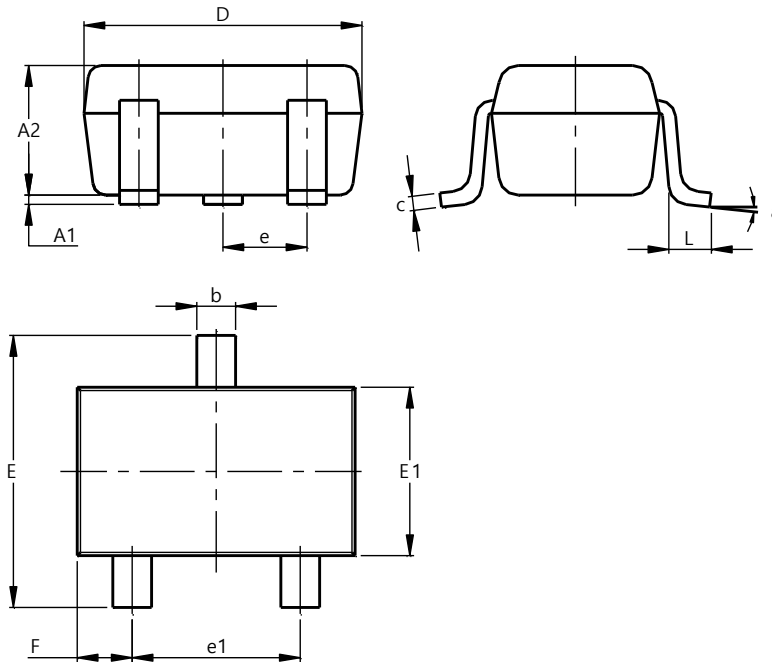


SOT25			
Dim	Min	Max	Typ
A	0.35	0.50	0.38
B	1.50	1.70	1.60
C	2.70	3.00	2.80
D	-	-	0.95
H	2.90	3.10	3.00
J	0.013	0.10	0.05
K	1.00	1.30	1.10
L	0.35	0.55	0.40
M	0.10	0.20	0.15
N	0.70	0.80	0.75
α	0°	8°	-
All Dimensions in mm			

Package Outline Dimensions (continued)

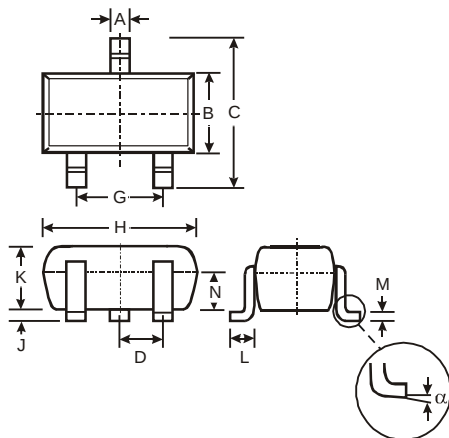
Please see <http://www.diodes.com/package-outlines.html> for the latest version.

(3) Package Type: SOT323



SOT323			
Dim	Min	Max	Typ
A1	0.00	0.10	0.05
A2	0.90	1.00	0.95
b	0.25	0.40	0.30
c	0.10	0.18	0.11
D	1.80	2.20	2.15
E	2.00	2.20	2.10
E1	1.15	1.35	1.30
e	0.650 BSC		
e1	1.20	1.40	1.30
F	0.375	0.475	0.425
L	0.25	0.40	0.30
a	0°	8°	--
All Dimensions in mm			

(4) Package Type: SC59

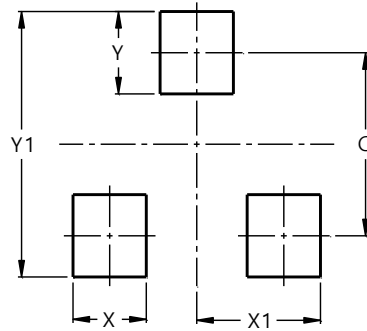


SC59			
Dim	Min	Max	Typ
A	0.35	0.50	0.38
B	1.50	1.70	1.60
C	2.70	3.00	2.80
D	-	-	0.95
G	-	-	1.90
H	2.90	3.10	3.00
J	0.013	0.10	0.05
K	1.00	1.30	1.10
L	0.35	0.55	0.40
M	0.10	0.20	0.15
N	0.70	0.80	0.75
	0°	8°	-
All Dimensions in mm			

Suggested Pad Layout

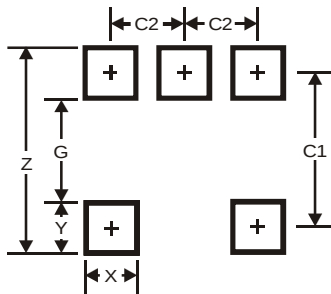
Please see <http://www.diodes.com/package-outlines.html> for the latest version.

(1) Package Type: SOT23



Dimensions	Value (in mm)
C	2.0
X	0.8
X1	1.35
Y	0.9
Y1	2.9

(2) Package Type: SOT25

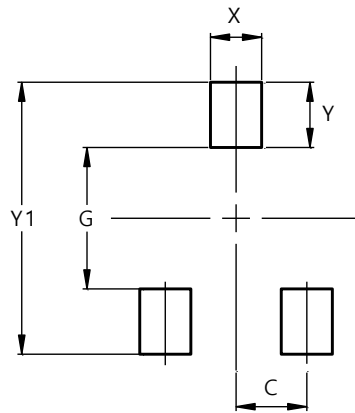


Dimensions	Value
Z	3.20
G	1.60
X	0.55
Y	0.80
C1	2.40
C2	0.95

Suggested Pad Layout (continued)

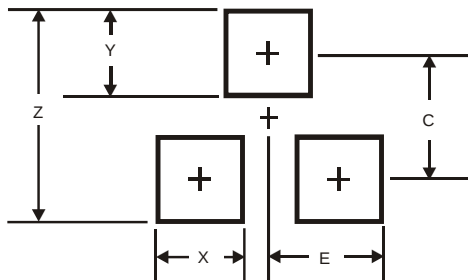
Please see <http://www.diodes.com/package-outlines.html> for the latest version.

(3) Package Type: SOT323



Dimensions	Value (in mm)
C	0.650
G	1.300
X	0.470
Y	0.600
Y1	2.500

(4) Package Type: SC59



Dimensions	SC59
Z	3.4
X	0.8
Y	1.0
C	2.4
E	1.35

Mechanical Data

- Moisture Sensitivity: Level 1 per J-STD-020
- Terminals: Finish – Matte Tin Plated Leads, Solderable per MIL-STD-202, Method 208 [Ⓔ]
- Weight:
 - SOT23: 0.009 grams (Approximate)
 - SOT25: 0.015298 grams (Approximate)
 - SOT323: 0.006 grams (Approximate)
 - SC59: 0.015546 grams (Approximate)

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