

# Semiconductors-Discretes

## Switching Diodes

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

### DIP/16P

	MIN.		TYP.		MAX.	
DIM	MIN.	MAX.	TYP.	MIN.	MAX.	
A	0.51	1.40	0.99	0.99	1.40	
B	0.89	1.40	0.99	0.99	1.40	
C	0.50	0.50	0.50	0.50	0.50	
D	0.38	0.38	0.38	0.38	0.38	
E	2.80	2.80	2.80	2.80	2.80	
F	17.78	17.78	17.78	17.78	17.78	
L	3.30	3.30	3.30	3.30	3.30	
Z	1.27	1.27	1.27	1.27	1.27	

### SOD-80C

Dimensions in inches and (millimeters)

### SMD3(SC-59)

Each lead has same dimension

### SOT-23

Dim	Min.	Max.
A	0.35	0.51
B	1.19	1.40
C	2.10	3.00
D	0.85	1.05
E	0.46	1.00
G	1.70	2.10
H	2.70	3.10
J	0.01	0.13
K	0.89	1.10
L	0.30	0.61
M	0.076	0.25

### SOD-123

Dimensions in inches and (millimeters)

### DO-41

MILLIMETERS		INCHES		
DIM	MAX	MIN	MAX	
A	5.97	6.60	0.235	0.260
B	2.70	3.05	0.110	0.120
D	0.75	0.85	0.030	0.034
K	27.94	—	1.100	—

### AXIAL LEAD CASE 59-10 ISSUE U

INCHES		MILLIMETERS		
DIM	MIN	MAX	MIN	MAX
A	0.191	0.299	4.93	7.60
B	0.079	0.106	2.00	2.70
D	0.028	0.034	0.71	0.86
F	0.000	0.050	0.000	1.27
K	1.000	—	25.40	—

### TO-220 THREE-LEAD TO-220AB

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.570	0.620	14.48	15.75
B	0.380	0.405	9.65	10.28
C	0.160	0.190	4.07	4.82
D	0.025	0.035	0.64	0.88
F	0.142	0.147	3.61	3.73
G	0.095	0.105	2.42	2.66
H	0.110	0.155	2.80	3.93
J	0.018	0.025	0.46	0.64
K	0.500	0.562	12.70	14.27
L	0.045	0.060	1.14	1.52
N	0.190	0.210	4.83	5.33
Q	0.100	0.120	2.54	3.04
R	0.080	0.110	2.04	2.79
S	0.045	0.055	1.14	1.39
T	0.235	0.255	5.97	6.47
V	0.000	0.050	0.00	1.27
W	0.045	—	1.15	—
Z	—	—	—	2.54

### CASE 340K-01 ISSUE O

MILLIMETERS		INCHES		
DIM	MIN.	MAX.	MIN.	MAX.
A	19.7	20.3	0.776	0.799
B	15.3	15.9	0.602	0.626
C	4.7	5.3	0.185	0.209
D	1.0	1.4	0.039	0.055
E	1.27	REF.	0.050	REF.
F	2.0	12.4	0.079	0.094
G	5.5	BSC	0.216	BSC
H	2.2	2.6	0.087	0.102
J	0.4	0.8	0.016	0.031
K	14.2	14.8	0.559	0.583
L	5.5	NOM	0.217	NOM
P	3.7	4.3	0.146	0.169
Q	3.55	3.65	0.140	0.144
R	5.0	NOM	0.197	NOM
U	5.5	BSC	0.217	BSC
V	3.0	3.4	0.118	0.134

### TO-220 CASE 221B-04 ISSUE D

Inches		Millimeters		
DIM	MIN	MAX	MIN	MAX
A	0.595	0.620	15.11	15.75
B	0.380	0.405	9.65	10.29
C	0.160	0.190	4.06	4.82
D	0.025	0.035	0.64	0.89
F	0.142	0.147	3.61	3.73
G	0.190	0.210	4.83	5.33
H	0.110	0.130	2.79	3.30
J	0.018	0.025	0.46	0.64
K	0.500	0.562	12.70	14.27
L	0.045	0.060	1.14	1.52
Q	0.100	0.120	2.54	3.04
R	0.080	0.110	2.04	2.79
S	0.045	0.055	1.14	1.39
T	0.235	0.255	5.97	6.48
U	0.000	0.050	0.000	1.27

### LL-34

Φ1.4±0.1

Φ1.5MAX.

Part No.	Product No.	Manufacturer	Description	Package	Vrrm	IF (A)	Marking
40105	L6206N	ST(SGS)	DUAL SCHOTTKY DIODE BRIDGE	24P/DIP	60V	2.8A	
31902	L6210	ST(SGS)	DUAL SCHOTTKY DIODE BRIDGE	DIP/16P	50V	2A	
22651	LL4148	DACO	HIGH SPEED SWITCHING DIODE	SOD-80C	100V	200mA	
41914	M1MA151AT1G	ON-Semi.	Small Signal SC59 Switch Diode 40V	SC-59	40V	0.1A	
41915	M1MA151KT1G	ON-Semi.	Small Signal SC59 Switch Diode 40V	SC-59	40V	0.1A	
41916	M1MA152WAT1G	ON-Semi.	Small Signal SC59 Switch Diode 80V	SC-59	80V	0.1A	
17078	MAD1108P	Micro-semi	Switching Diode Array	16P-DIP	50V	200mA	
26903	MMBD7000	WEITRON	Switching Diode	3P/SOT-23	100V	200mA	5C
42198	MMBD914LT1	ON-Semi.	High-Speed Switching Diode	SOT-23	100V	0.2A	
42200	MMBD914LT1G	ON-Semi.	High-Speed Switching Diode	SOT-23	100V	0.2A	
42259	MMSD4148T1	ON-Semi.	Small Signal SOD123 Switching Diode	SOD-123	100V	5A	
42261	MMSD914T1G	ON-Semi.	Switch Diode	SOD-123	100V	5A	
29393	MUR1100E	MOTOROLA	SWITCHMODE Power Rectifiers	DO-41	1000V	1.0A	MUR1100E
22741	MUR120	ON-Semi.	SWITCHMODE Power Rectifiers		200V	1.0A	
29392	MUR120	MOTOROLA	MOTOROLA_Switchmode Power Rectifier		200V	1.0A	
42348	MUR120G	ON-Semi.	SWITCHMODE Power Rectifiers	Axial Lead	200V	1A	
35506	MUR160	ON-Semi.	SWITCHMODE Power Rectifiers	AXIAL LEAD	600V	1.0A	
32439	MUR1660CT	ON-Semi.	SWITCHMODE Power Rectifiers	TO-220	600V	8A	U16xx
42352	MUR260RL	ON-Semi.	Ultrafast Rectifier	Axial Lead	600V	2A	
32445	MUR3020WT	MOTOROLA	SWITCHMODE Power Rectifiers	TO-247AE	200V	15A	U3020
32450	MUR8100E	ON-Semi.	SWITCHMODEEE Power Rectifiers	TO?220	1000V	8A	U8100E
32452	MUR860G	ON-Semi.	SWITCHMODE Power Rectifiers	TO-220	600V	8A	
32455	MUR880E	ON-Semi.	SWITCHMODE Power Rectifiers	TO?220	800V	8A	U880E
25504	RLS4148NTE-11	ROHM	SWITCHING DIODES	LL-34	100V	150mA	

