

Semiconductors-Discretes

Fast Recovery Rectifiers

Detailed product specifications are available on: us.100y.com.tw

SOT-93 (TO-218)
CASE 340D-02
ISSUE E

DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	---	20.35	---	0.801
B	14.70	15.20	0.579	0.598
C	4.70	4.90	0.185	0.193
D	1.10	1.30	0.043	0.051
E	1.17	1.37	0.046	0.054
G	5.40	5.55	0.213	0.219
H	2.00	3.90	0.079	0.155
J	0.50	0.78	0.020	0.031
K	31.00 REF	---	1.220 REF	---
L	---	16.20	---	0.638
Q	4.00	4.10	0.156	0.161
S	17.80	18.20	0.701	0.717
U	4.00 REF	---	0.157 REF	---
V	1.75 REF	---	0.069	---

DPAK
CASE 369C
ISSUE O

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.235	0.245	5.97	6.22
B	0.250	0.265	6.35	6.73
C	0.086	0.094	2.19	2.38
D	0.027	0.035	0.69	0.88
E	0.018	0.023	0.46	0.58
F	0.037	0.045	0.94	1.14
G	0.180 BSC	---	4.58 BSC	---
H	0.034	0.040	0.87	1.01
J	0.018	0.023	0.46	0.58
K	0.102	0.114	2.60	2.89
L	0.090 BSC	---	2.29 BSC	---
R	0.180	0.215	4.57	5.45
S	0.025	0.040	0.63	1.01
U	0.020	---	0.51	---
V	0.035	0.050	0.89	1.27
Z	0.155	---	3.93	---

SMB
CASE 403A-03
ISSUE F

DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	1.90	2.13	2.45	0.075	0.084	0.096
A1	0.05	0.10	0.20	0.002	0.004	0.008
b	1.96	2.30	2.20	0.077	0.089	0.087
c	0.15	0.23	0.31	0.006	0.009	0.012
D	3.30	3.56	3.95	0.130	0.140	0.156
E	4.06	4.32	4.60	0.160	0.170	0.181
He	5.21	5.44	5.60	0.205	0.214	0.220
L	0.76	1.02	1.60	0.030	0.040	0.063
L1	---	0.51 REF	---	0.020 REF	---	---

SMC
PLASTIC PACKAGE
CASE 403-03
ISSUE E

DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	1.90	2.13	2.41	0.075	0.084	0.095
A1	0.05	0.10	0.15	0.002	0.004	0.006
b	2.92	3.00	3.07	0.115	0.118	0.121
c	0.15	0.23	0.30	0.006	0.009	0.012
D	5.58	5.84	6.10	0.220	0.230	0.240
E	6.60	6.86	7.11	0.260	0.270	0.280
He	7.75	7.94	8.13	0.305	0.313	0.320
L	0.76	1.02	1.27	0.030	0.040	0.050
L1	---	0.51 REF	---	0.020 REF	---	---

DO-15

DIM	DO-41		DO-15	
	Min.	Max.	Min.	Max.
A	25.40	---	25.40	---
B	4.06	5.21	5.50	7.62
C	0.71	0.864	0.686	0.889
D	2.00	2.72	2.60	3.60

All dimensions in mm

DO-201AD

Dim	Min	Max
	A	25.40
B	7.20	9.50
C	1.20	1.30
D	4.80	5.30

All Dimensions in mm

SMA/DO-214AC

0.065 (1.65)
0.049 (1.25)

0.177 (4.50)
0.157 (3.99)

0.110 (2.79)
0.100 (2.54)

0.012 (0.305)
0.006 (0.152)

0.090 (2.29)
0.078 (1.98)

0.060 (1.52)
0.030 (0.76)

0.008 (0.203) MAX.
0.208 (5.28)
0.189 (4.80)

TO-220

DIM	MILLIMETERS	
	MIN	MAX
A	14.68	15.32
B	9.78	10.42
C	6.01	6.52
D	13.06	14.62
E	3.57	4.07
F	4.83	5.33
G	1.12	1.36
H	0.72	0.96
I	4.22	4.98
J	1.14	1.36
K	2.20	2.97
L	0.33	0.55
M	2.48	2.98
N	1.00	1.00
O	3.70	3.90

PLASTIC DO41

Dim.	Inches		Millimeter		Notes
	Minimum	Maximum	Minimum	Maximum	
A	.081	.107	2.057	2.718	Dia.
B	1.10	---	27.94	---	---
C	.160	.205	4.064	5.207	---
D	.028	.034	.711	.864	Dia.

DO-214AC

UNIT	A	A1	b	c	D	E	H	Q
Mm	2.3 2.0	0.05	1.6 1.4	0.2	4.5 4.3	2.8 2.4	5.5 5.1	3.3 2.7

Part No.	Product No.	Manufacturer	Description	Pins/Package	Vrrm	IF (A)	Trr (nS)
42353	MUR3020PT	ON-Semi.	SWITCHMODE Power Rectifiers	SOT-93	200V	30A	
42355	MUR3040PTG	ON-Semi.	SWITCHMODE Power Rectifiers	SOT-93	400V	30A	
29162	MUR3080PT		Ultra Fast Recovery Diode	TO-247AD	800V	150A	50-60nS
42357	MUR4100EG	ON-Semi.	SWITCHMODE Power Rectifiers	Axial Lead	1000V	4A	
42360	MURA160T3G	ON-Semi.	SWITCHMODE Power Rectifiers	SMA	600V	1A	
42361	MURD320T4G	ON-Semi.	SWITCHMODE Power Rectifiers	DPAK	200V	3A	
42363	MURD550PFT4G	ON-Semi.	SWITCHMODE Power Rectifiers	DPAK	520V	5A	
42364	MURS115T3G	ON-Semi.	SWITCHMODE Power Rectifiers	SMB	150V	1A	
42365	MURS120T3	ON-Semi.	SWITCHMODE Power Rectifiers	SMB	200V	1A	
42366	MURS120T3G	ON-Semi.	SWITCHMODE Power Rectifiers	SMB	200V	1A	
42369	MURS160T3G	ON-Semi.	SWITCHMODE Power Rectifiers	SMB	600V	1A	
35508	MURS320T3 3A 200V	ON-Semi.	Surface Mount Ultrafast Power Rectifiers	SMB	200V	3.0A	35ns
8488	PR1504	LITE-ON	fast switching for high efficiency	DO-15	400V	1.5A	150nS
8489	PR1507S	LITE-ON	fast switching for high efficiency	DO-41	1000V	1.5A	500nS
8487	PR3003	LITE-ON	fast switching for high efficiency	DO-201AD	200V	3.0A	150nS
34696	RHRG75120	Fairchild					
24141	RS1D	DACO	DACO_1.0A SMD Fast Recovery Rectifier	DO-214AC	200V	1.0A	150nS

