

Semiconductors-Discretes

Resin Molded High Voltage Diodes

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

DIMENSIONS						
Millimeters			Inches			
	Min	Typ	Max	Min	Typ	Max
A	6.05	6.20	6.35	0.238	0.244	0.250
B	2.95	3.00	3.05	0.116	0.118	0.120
C	26		31	1.024		1.220
D	0.76	0.81	0.86	0.030	0.032	0.034

DIMENSIONS				
MILLIMETERS		INCHES		
REF.	MIN.	MAX.	MIN.	MAX.
A1	1.90	2.45	0.075	0.096
A2	0.05	0.20	0.002	0.008
b	1.95	2.20	0.077	0.087
c	0.15	0.41	0.006	0.016
E	5.10	5.60	0.201	0.220
E1	4.05	4.60	0.159	0.181
D	3.30	3.95	0.130	0.056
L	0.75	1.60	0.030	0.063

DIMENSIONS					
Millimeters		Inches			
REF.	Min	Max	Min	Max	
A	2.20	2.40	0.086	0.094	
A1	0.90	1.10	0.035	0.043	
A2	0.03	0.23	0.001	0.009	
B	0.64	0.90	0.025	0.035	
B2	5.20	5.40	0.204	0.212	
C	0.45	0.60	0.017	0.023	
C2	0.48	0.60	0.018	0.023	
D	6.00	6.20	0.236	0.244	
E	6.40	6.60	0.251	0.259	
G	4.40	4.60	0.173	0.181	
H	9.35	10.10	0.368	0.397	
L2	0.80	typ.	0.031	typ.	
L4	0.60	1.00	0.023	0.039	
V2	0	8	0	8	

DIMENSIONS				
Millimeters		Inches		
REF.	Min.	Max.	Min.	Max.
A	4.40	4.60	0.173	0.181
B	2.50	2.70	0.098	0.106
D	2.40	2.75	0.094	0.108
E	0.40	0.70	0.016	0.028
F	0.75	1.00	0.030	0.039
F1	1.15	1.70	0.045	0.067
G	4.35	5.20	0.195	0.205
H	10.00	10.40	0.394	0.409
L2	16.00		0.630	
L3	28.00	30.00	1.125	1.205
L6	15.30	16.40	0.628	0.646
L7	9.00	9.30	0.354	0.366
Diam	3.00	3.20	0.118	0.126

DIMENSIONS						
Millimeters		Inches				
REF.	Min	Typ	Max	Min	Typ	Max
A	4.70		4.90	0.185		0.193
C	1.17		1.37	0.046		0.054
D		2.50				0.098
D1		1.27				0.050
E	0.50		0.78	0.020		0.031
F	1.10		1.30	0.043		0.051
F3		1.75				0.069
G	10.80		11.10	0.425		0.437
H	14.70		15.20	0.578		0.598
L		12.20				0.480
L2		16.20				0.639
L3		18.00				0.709
L6	3.95		4.15	0.156		0.163
L7		31.00				1.220
O	4.00		4.10	0.157		0.161



Part No.	Product No.	Manufacturer	Description	Vrrm (V)	Vfm	I fsm (A)	Trr (nS)
39166	STTA106	ST(SGS)	TURBOSWITCH ULTRA-FAST HIGH VOLTAGE DIODE	600	1.5	25	20
34048	STTA106U	ST(SGS)	TURBOSWITCH ULTRA-FAST HIGH VOLTAGE DIODE	600V	1.5V	25A	20ns
34045	STTA112U	ST(SGS)	TURBOSWITCH ULTRA-FAST HIGH VOLTAGE DIODE	1200V	1.5V	20A	65ns
33318	STTA306B-TR	ST(SGS)	TURBOSWITCHTM ULTRA-FAST HIGH VOLTAGE DIODE	600V	1.65 V	35 A	20 ns
32842	STTA506D	ST(SGS)	TURBOSWITCH ULTRA-FAST HIGH VOLTAGE DIODE	600V	1.5V	55 A	20ns
34041	STTA6006TV1	ST(SGS)	TURBOSWITCH ULTRA-FAST HIGH VOLTAGE DIODE	600V	1.5V	230A	35ns



Part No.	Product No.	Description	Size A*B*C(D)(mm)	Vrrm (V)	Io (A)	Vfm	I fsm (A)
15434	VB-2	Medium Power High Voltage Diode	9*24*1.3*5	2.4KV	2A	2.2V	40A
15435	VB-4	Medium Power High Voltage Diode	9*24*1.3*5	4.8KA	1A	4.4V	20A
15436	VB-8	Medium Power High Voltage Diode	9*24*1.3*5	9.6KA	0.5A	8V	20A

High Voltage Silicon Assembly

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

FEATURES:

- Reverse voltage resistance: 5KV-300KV
- Positive current: 5mA-5A
- Resume time: 40-200nS or custom-tailor



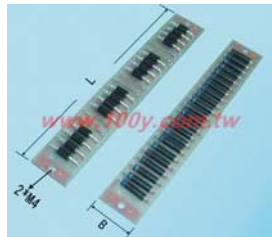
Part No.	Product No.	Description	Size L*B*H(mm) /ψ	Vrrm (kV)	Io (mA)	Vfm	I fsm (A)
15451	2CL120KV/100mA	High Voltage Silicone Assembly	216*24*12/ψ20	120KV	100mA	120V	20A
15450	2CL50KV/50mA	High Voltage Silicone Assembly	131.5*28.5*14/ψ13	50KV	50mA	30V	20A

High Voltage Silicon Assembly

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

FEATURES

- Compact structure
- Low hot resistance
- High reliability



Part No.	Product No.	Description	Size L*B(mm)	Vrrm (kV)	Io (A)	Vfm	I fsm (A)
15452	2CL150KV/0.1A	High Voltage Assembly	153*25	150KV	0.1A	150V	20A



T E L : Taiwan : 886-3-5753170
 F A X : Taiwan : 886-3-5753172
 E-mail : Taiwan : us_sale@100y.com.tw

Shenzhen : 86-755-83298787
 Shenzhen : 86-755-83640655
 Shenzhen : 100y@163.com

Shanghai : 86-21-54151736
 Shanghai : 86-21-64605107
 Shanghai : 100y-1@163.com