

DZx series ADVANCE Dual IGBT Snubber capacitors

General Details

- ◆ Polypropylene Dielectric , Low Loss
- ◆ Self- Healing
- ◆ Flame Retardant UL94V0, RoHS compliant Housing
- ◆ Series Construction , high dv /dt rating
- ◆ Filled with thermosetting resin
- ◆ Snubber / Thyristor Protection
- ◆ High Pulse Applications
- ◆ Low ESR
- ◆ Voltage Ratings upto 2500Vdc
- ◆ Tolerance $\pm 5\%$, $\pm 10\%$

Specifications:

Temperature Range: -55°C to $+100^{\circ}\text{C}$

Insulation Resistance : $5000 \text{ M}\Omega * \mu\text{F}$

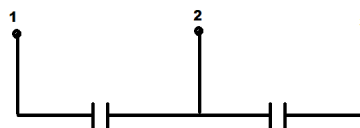
Test voltage between terminals: $1.5 \times \text{rated DC voltage for } 10\text{S}$

Test voltage between terminals & case: $3\text{Kvac, } 50\text{Hz for } 10\text{S}$

Climatic Category : 55/100/56

Terminals : Tinned Copper Clips

Internal connection - Capacitors in series



Marking details

ADVANCE
Value($\mu\text{F}+\mu\text{F}$), Tol. Code, Voltage rating
DZx Batch No. Type SL



Standard range:

Capacitance	Rated Voltage		Max. Current @100kHz, 70°C	dv/dt rating	Peak Current	Housing Dimensions, in mm			Drawing Reference
μF @1kHz	Vdc	Vac 50Hz	Irms, A	V/ μS	Ipk, A	W	L	H	
0.10 + 0.10	2500	750	15	1000	100	20	80	40	DZ2 / DZ3
0.22 + 0.22	2000	600	17	1000	200	20	80	40	
0.33 + 0.33	2000	600	18	1000	330	20	80	40	
0.47 + 0.47	1500	500	19	1000	470	20	80	40	
0.68 + 0.68	1200	400	20	1000	680	20	80	40	
1.00 + 1.00	1000	350	20	1000	1000	20	80	40	
1.20 + 1.20	1000	350	22	1000	1200	20	80	40	
1.50 + 1.50	700	250	24	1000	1740	20	80	40	
1.70 + 1.70	700	250	24	1000	1740	20	80	40	
2.00 + 2.00	600	200	25	1000	2000	20	80	40	
3.00 + 3.00	700	250	28	700	2100	30	85	35	

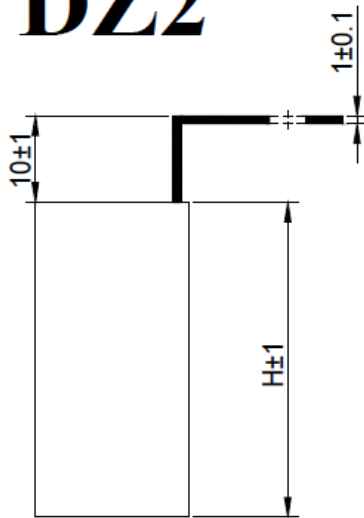
Note: Other capacitance & current rating , terminals pitch, custom made capacitors available on request

Registered Office and Factory:

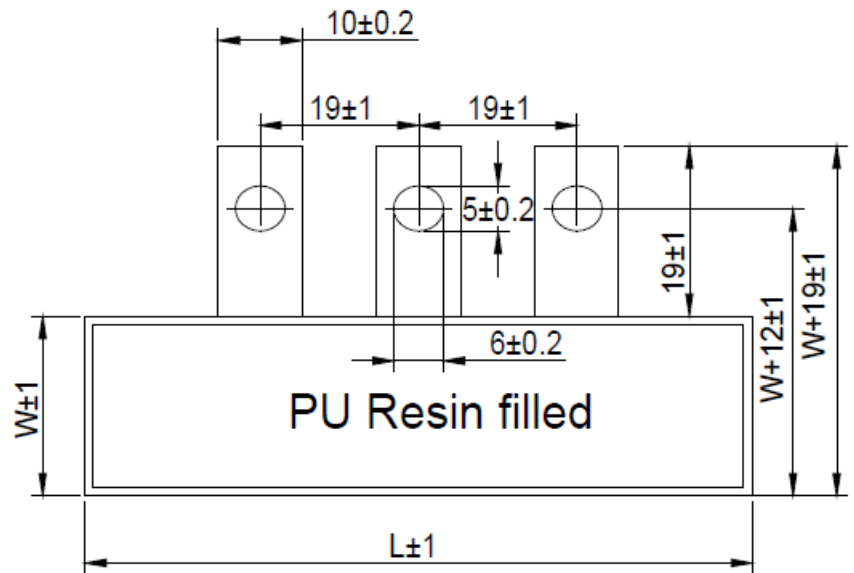
Advance Components and Instruments Pvt Ltd
 3A-3A/1, Belavadi Industrial Area ,Mysore – 570018 KARNATAKA
 Phone: +91 821 2402301 / 2402307 /2403058
 Mobile & WhatsApp: +91 8073111025
 E-mail : advcaps@gmail.com / enquiries@advancecapacitors.com
 Website: www.advance-capacitors.com

Dimensional details (in mm, not to scale) Terminal Style SL type

DZ2

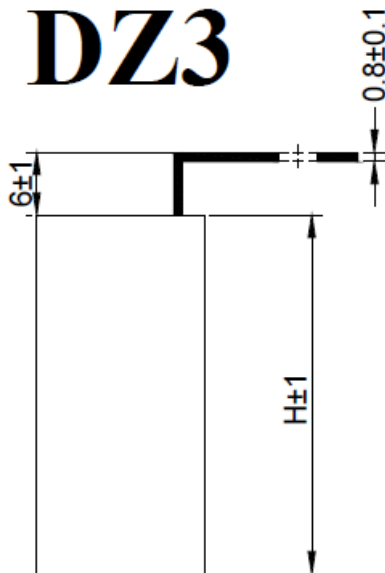


Side View

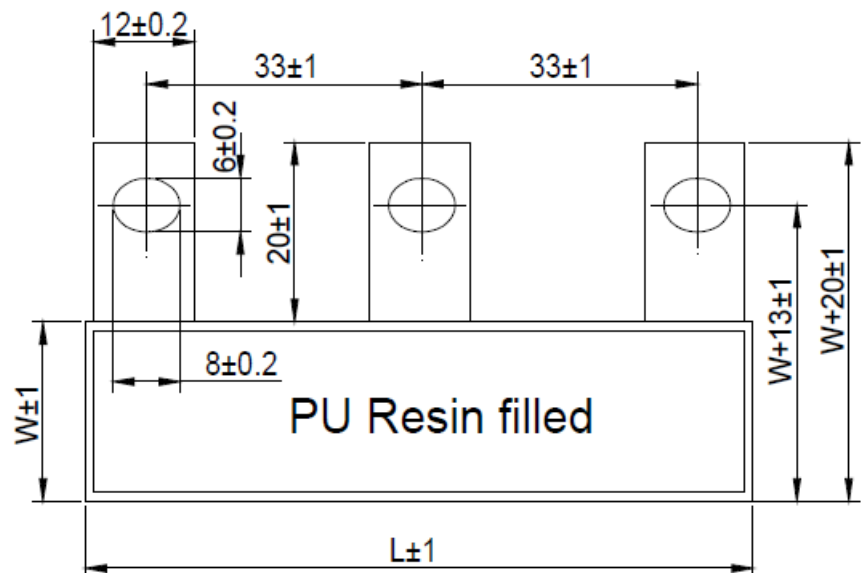


Top View

DZ3



Side View



Top View