

## ADVANCE Dual IGBT Snubber capacitors DZS series

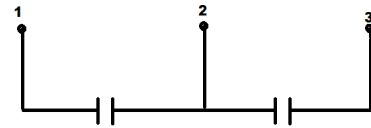
### General Details

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

### Specifications:

Temperature Range:  $-55^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$   
Insulation Resistance :  $5000 \text{ M}\Omega * \mu\text{F}$   
Test voltage between terminals:  $1.5 \times$  rated DC voltage for 10S  
Test voltage between terminals & case:  $3\text{Kvac}$ , 50Hz for 10S  
Climatic Category : 40/85/56  
Terminals : Tinned Copper Clips

### Internal connection - Capacitors in series



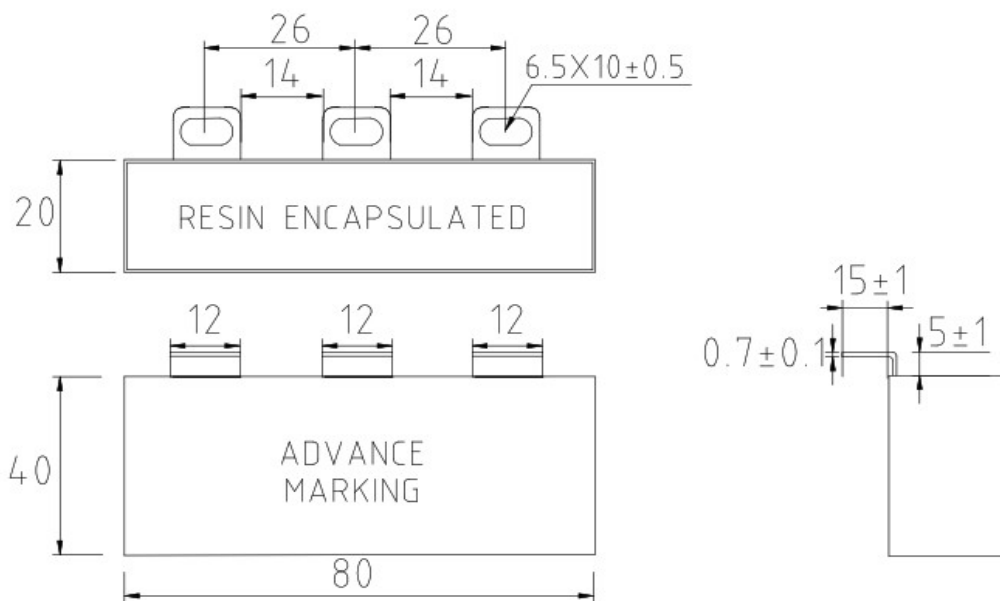
**Standard range:**

Capacitance	Rated Voltage		Max. Current @100kHz, 70°C	dv/dt rating	Peak Current				Terminal Style
	Vdc	Vac 50Hz	Irms, A	V/μS	Ipk, A	W ±1	L ±1	H ±1	
0.10 + 0.10	2500	750	15	1000	100	20	80	40	SL
0.22 + 0.22	2000	600	17	1000	200	20	80	40	SL
0.33 + 0.33	2000	600	18	1000	330	20	80	40	SL
0.47 + 0.47	1500	500	19	1000	470	20	80	40	SL
0.68 + 0.68	1200	400	20	1000	680	20	80	40	SL
1.00 + 1.00	1000	350	20	1000	1000	20	80	40	SL
1.20 + 1.20	1000	350	22	1000	1200	20	80	40	SL
1.70 + 1.70	700	250	24	1000	1740	20	80	40	SL
2.00 + 2.00	600	200	25	1000	2000	20	80	40	SL

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

**Dimensional details (in mm, not to scale)**

**Terminal Style SL type**



GENERAL TOLERANCE ±1MM

**Registered Office and Factory:**

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