ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.
Manufacturers of PLASTIC FILM CAPACITORS
Registered Office & Factory :
3A-3A/1, Belavadi Indl.Area, Mysore - 570 018. INDIA
ISO 9001 : 2015
ISO 13485 : 2016
Phone : +91 821 2402307, 2402301, 2403058
E-mail : enquiries@advancecapacitors.com
advcaps@gmail.com
Website : www.advance-capacitors.com
GSTIN : 29AABCA1720D1ZA

IGBT SNUBBER CAPACITORS

GENERAL :

- Non Polar
- Self Healing
- Low ESR, ESL
- Low Losses
- High Insulation Resistance
- Suitable for High Frequencies

Snubbers are high peak current capacitors used in power semiconductor circuits for enrage conversion and used to suppress or attenuate high voltage peaks to protect semiconductor devices.

Advance snubber capacitors are made using internationally accepted Series Metallised Technology for self-healing property. Advance snubber capacitors offer high load capability with double sided metallization (type MKP) and /or film/foil metallization (FKP). Aluminium foil electrodes are used for high peak current capacities. Capacitor elements are non-inductive and encapsulated in a plastic box and potted wtih flame retardant epoxy resin for environmental protection.

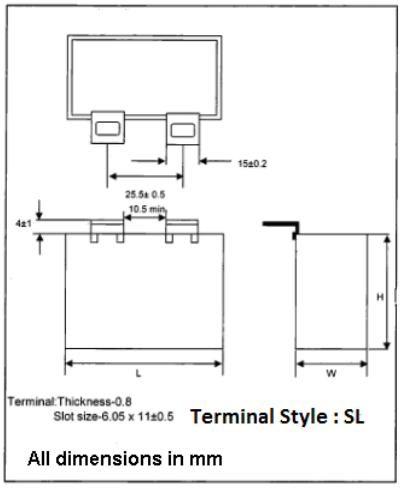
APPLICATIONS :

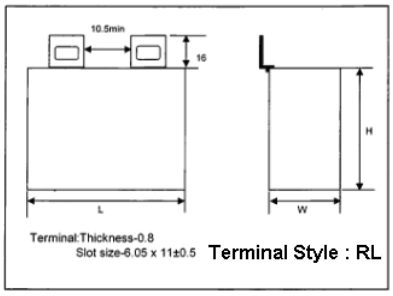
- IGBT module protection
- Thyristor protection
- High pulse applications

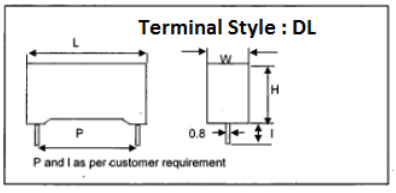
TYPE: **FKP-6M** IGBT Module direct mounting type

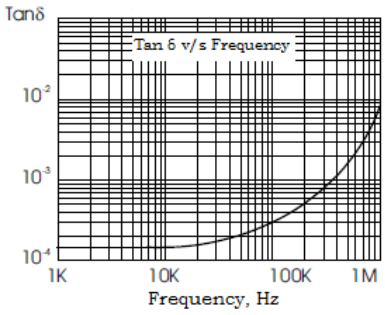
SPECIFICATIONS :

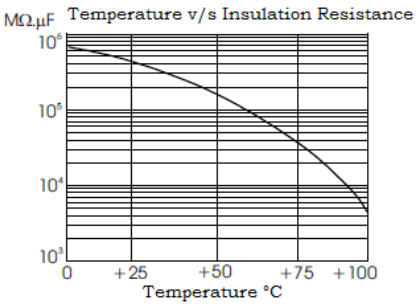
Temperature Range	:	-55 °C to +100 °C
Tan Delta	:	0.0005 at 1 KHz
Insulation Resistance	:	5,000 M Ω * µF
Test Voltage T/T	:	1.6 times rated dc voltage for 10 s
T/C	:	3 kVAC for 60 s
Climatic Category	:	40/85/56
Tolerance	:	±5%, ±10%, ±20%
Terminals	:	Tinned Copper Lugs











ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.
Manufacturers of PLASTIC FILM CAPACITORS
Registered Office & Factory :
3A-3A/1, Belavadi Indl.Area, Mysore - 570 018. INDIA
ISO 9001 : 2015
ISO 13485 : 2016
Phone : +91 821 2402307, 2402301, 2403058
E-mail : enquiries@advancecapacitors.com
advcaps@gmail.com
Website : www.advance-capacitors.com
GSTIN : 29AABCA1720D1ZA

Specifications:

Working voltage 1000 Vdc (480Vac at 50Hz)

Capacitance in µF	I_{Peak} in A	I_{rms} in A	ESR max @ 10kHz in mΩ	dv/dt V/µS	Case dimension in mm (W x H x L)	Terminal Style
0.10	120	5.6	11.2	2000	17*29*41.5	DL,RL,SL
0.15	180	5.7	10.8	2000	17*29*41.5	DL, RL, SL
0.22	264	6.8	4.0	2000	17*29*41.5	DL, RL, SL
0.33	330	19.7	3.7	2000	17*29*41.5	RL, SL
0.47	470	21.1	3.5	2000	24*38*48	RL, SL
0.68	612	21.3	3.2	1500	24*38*48	RL, SL
1.00	900	26	3.0	1500	24*38*48	RL, SL
2	1200	28.2	2.5	1500	30*45*45	RL,SL
2.20	1320	28.5	2.4	1500	30*45*45	RL,SL
3.00	1800	30	2.0	1500	43*50*54	RL,SL
3.30	1980	30	2.0	1500	43*50*54	RL,SL

Working voltage 1250 Vdc (550Vac at 50Hz)

Capacitance in µF	I_{Peak} in A	I_{rms} in A	ESR max @ 10kHz in mΩ	dv/dt V/µS	Case dimension in mm (W x H x L)	Terminal Style
0.10	160	5.6	10.0	2000	17*29*41.5	DL,RL,SL
0.15	160	5.7	5.0	2000	17*29*41.5	DL, RL, SL
0.22	330	6.8	4.5	2000	17*29*41.5	DL, RL, SL
0.33	495	19.7	4.0	2000	17*29*41.5	RL, SL
0.47	705	21	3.8	2000	24*38*48	RL, SL
0.68	840	21	3.5	1500	24*38*48	RL, SL
1.00	1200	26	3.0	1500	30*45*45	RL, SL
1.5	1900	26	2.5	1500	30*45*45	RL,SL
2.00	2000	28	2.5	1500	43*50*54	RL,SL
3.00	2000	30	2.0	1500	43*50*54	RL,SL

Note: Other capacitance values and voltage ratings available on request

ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.
Manufacturers of PLASTIC FILM CAPACITORS
Registered Office & Factory :
3A-3A/1, Belavadi Indl.Area, Mysore - 570 018. INDIA
ISO 9001 : 2015
ISO 13485 : 2016
Phone : +91 821 2402307, 2402301, 2403058
E-mail : enquiries@advancecapacitors.com
advcaps@gmail.com
Website : www.advance-capacitors.com
GSTIN : 29AABCA1720D1ZA

Specifications:

Working voltage 1500 Vdc (630Vac at 50Hz)

Capacitance in µF	I_{Peak} in A	I_{rms} in A	ESR max @ 10kHz in mΩ	dv/dt V/µS	Case dimension in mm (W x H x L)	Terminal Style
0.10	160	5.6	10.0	2000	17*29*41.5	DL,RL,SL
0.15	160	5.7	5.0	2000	17*29*41.5	DL, RL, SL
0.22	330	6.8	4.5	2000	17*29*41.5	DL, RL, SL
0.33	495	19.7	4.0	2000	17*29*41.5	RL, SL
0.47	705	21	3.8	2000	24*38*48	RL, SL
0.68	840	21	3.5	1500	24*38*48	RL, SL
0.75	975	26	3.0	1500	24*38*48	RL, SL
1.00	1200	26	3.0	1500	30*45*45	RL, SL
1.50	1900	26	2.5	1500	43*50*54	RL,SL
2.00	2000	28	2.5	1500	43*50*54	RL,SL

Working voltage 2000 Vdc (750Vac at 50Hz)

Capacitance in µF	I_{Peak} in A	I_{rms} in A	ESR max @ 10kHz in mΩ	dv/dt V/µS	Case dimension in mm (W x H x L)	Terminal Style
0.10	150	8.0	8.4	2000	17*29*41.5	DL,RL,SL
0.15	250	10.0	7.0	2000	17*29*41.5	DL, RL, SL
0.22	330	21.0	4.5	2000	17*29*41.5	DL, RL, SL
0.33	495	22.0	4.1	2000	24*38*48	RL, SL
0.47	700	24.0	4.0	2000	30*45*45	RL, SL
0.68	950	26	3.7	2000	30*45*45	RL, SL
1.00	1300	26	3.2	2000	43*50*54	RL, SL
2.00	2000	28	3.0	2000	43*58*50	RL,SL

Note: Other capacitance values and voltage ratings available on request