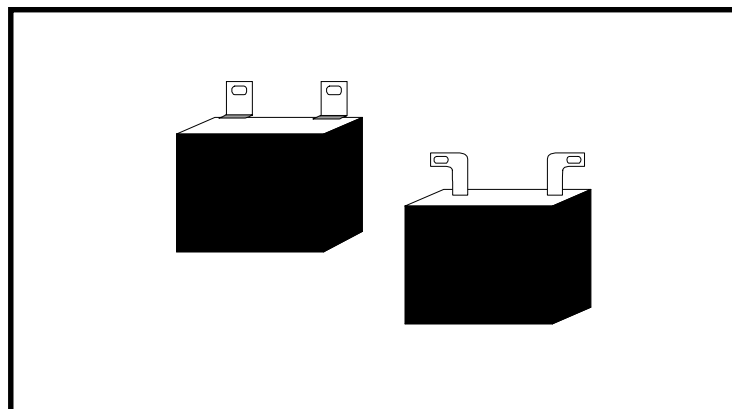




SERIES "PC" IGBT CAPACITORS



CONSTRUCTION:

- Polypropylene dielectric internal series design with double sided metallized carrier, non-impregnated

APPLICATIONS:

- Uninterruptable power supplies (UPS)
- SCR commutation
- Switch mode power supply (SMPS) protection
- IGBT module protection

CHARACTERISTICS:

- Low ESR
- Low dielectric absorption
- High RMS/Peak currents
- Low self-inductance
- Screw terminals for easy IGBT mounting

SPECIFICATIONS:

Capacitance: 0.1 μ F to 1.5 μ F

Voltage: 850 VDC to 2000 VDC (450 VAC to 660 VAC)

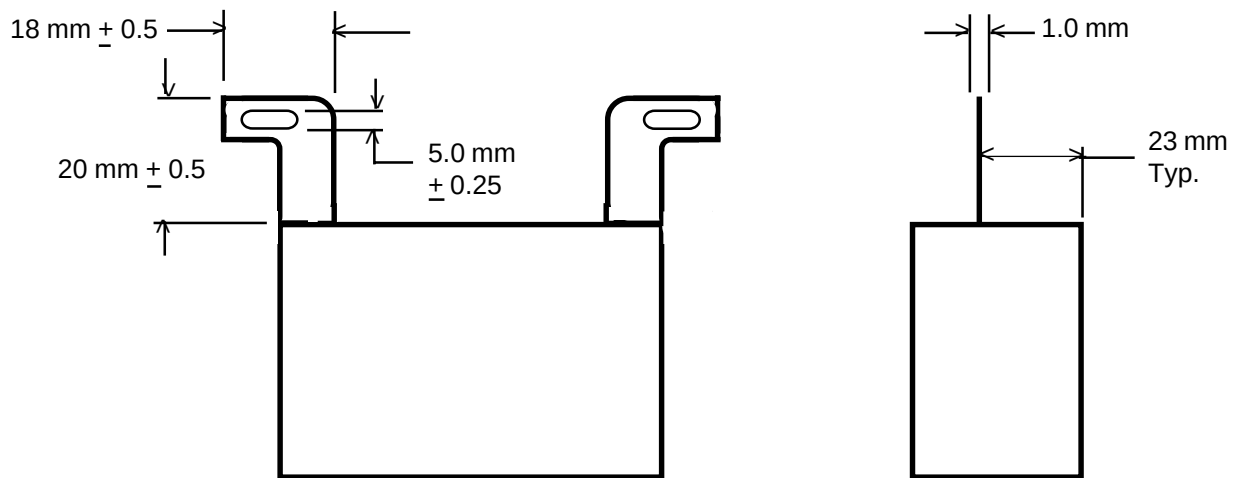


SERIES PC1213EFR

**IGBT CAPACITORS
PHYSICAL DIMENSIONS**

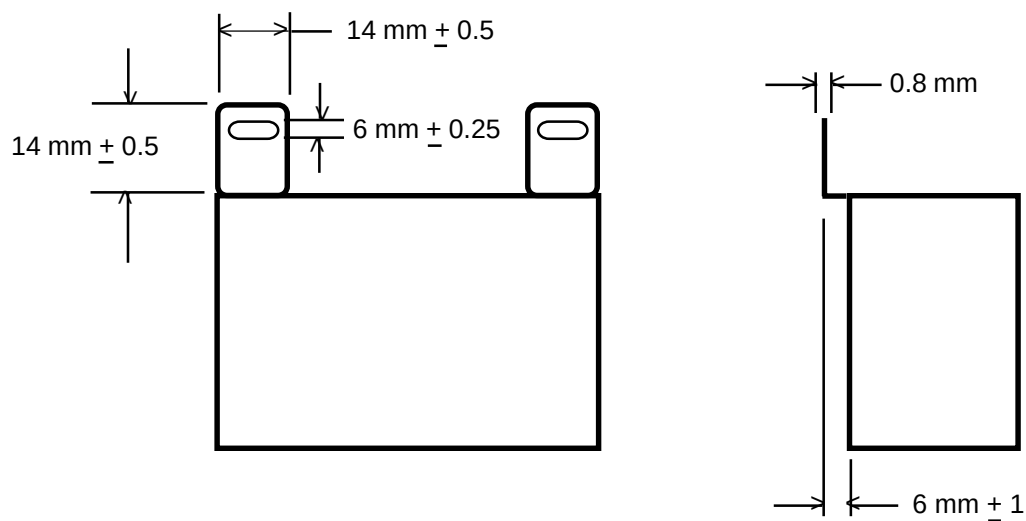
Case Style "VR" or "ZR"

(will accommodate 39 mm to 48 mm screw centers)



Case Style "VO" or "ZO"

(will accommodate 24 mm to 28 mm screw centers)





SERIES PC1213EFR

IGBT CAPACITORS DIMENSIONS AND RATINGS

850VDC/450VAC

CAP. μF	T inches (mm)	H inches (mm)	L inches (mm)	CASE CODE	I (PEAK) amps	I (RMS) amps	ESR MΩ	dV/dT V/μS
0.47	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	153	7.8	8.0	325
0.56	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	182	8.5	7.0	325
0.68	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	221	9.0	6.0	325
0.82	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	267	9.5	5.0	325
1.00	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	325	10.0	4.5	325
1.20	1.30 (33.0)	1.38 (35.0)	1.61 (41.0)	Z	390	11.5	4.0	325
1.50	1.30 (33.0)	1.38 (35.0)	1.61 (41.0)	Z	488	13.0	3.8	325

1200VDC/500VAC

CAP. μF	T inches (mm)	H inches (mm)	L inches (mm)	CASE CODE	I (PEAK) amps	I (RMS) amps	ESR MΩ	dV/dT V/μS
0.15	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	90	7.3	12.0	600
0.22	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	132	7.5	9.0	600
0.33	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	198	8.5	7.0	600
0.47	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	282	9.0	6.0	600
0.56	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	336	9.5	5.0	600
0.68	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	408	10.0	4.5	600
0.82	1.30 (33.0)	1.38 (35.0)	1.61 (41.0)	Z	492	12.5	4.0	600
1.00	1.30 (33.0)	1.38 (35.0)	1.61 (41.0)	Z	600	13.5	3.0	600

2000VDC/660VAC

CAP. μF	T inches (mm)	H inches (mm)	L inches (mm)	CASE CODE	I (PEAK) amps	I (RMS) amps	ESR MΩ	dV/dT V/μS
0.10	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	85	6.5	12.0	850
0.12	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	102	6.8	11.0	850
0.15	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	128	7.1	10.0	850
0.22	0.95 (24.0)	1.06 (27.0)	1.61 (41.0)	V	187	8.0	8.0	850
0.33	1.30 (33.0)	1.38 (35.0)	1.61 (41.0)	Z	281	10.5	6.5	850
0.47	1.30 (33.0)	1.38 (35.0)	1.61 (41.0)	Z	400	11.5	5.5	850

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