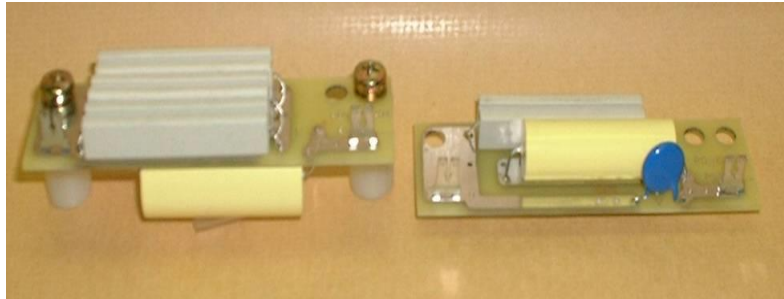
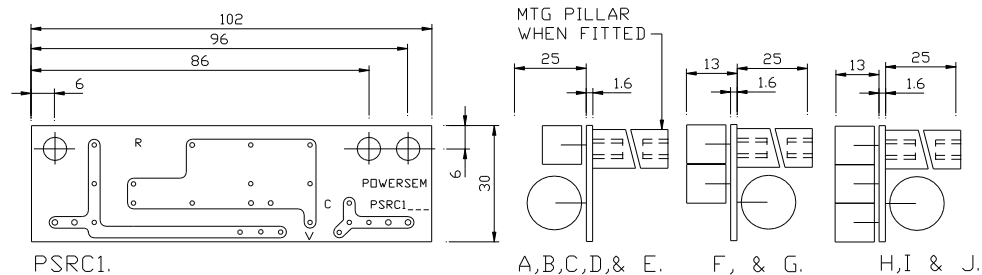


Discrete POWER Dv/Dt Snubber Networks



GD RECTIFIERS has developed a range of discrete POWER Dv/Dt Snubber Networks for protection of power semiconductor components against repetitive fast rising voltage spikes that may exceed the Dv/Dt rating of the SCR's. In addition to voltage protection the modules also assist in latching SCR's used for low-level Inductive load currents. The PSRC1 open construction PCB's may also incorporate MOV devices for protection against high energy level voltage spikes, effectively clipping the voltage before it exceeds the V_{rrm} capability of the SCR. The low cost design allows the modules to be mounted close up to the semiconductor devices and on the same fixing centers, with convenient fast-on terminals, the double sided PCB also enables connection direct to power heatsinks.



Ref.	TYP DEVICE TYPE	V rms	uF / V		OHM / W
	MCC/MCD/MDD	<=			
PSRC1-A	MCC19-26	440	0.22 / 500		68 / 11
PSRC1-B	MCC19-26	575	0.1 / 660		100 / 11
PSRC1-C	MCC44-95	250	0.22 / 500		33 / 11
PSRC1-D	MCC44-95	440	0.22 / 500		47 / 11
PSRC1-E	MCC44-95	575	0.1 / 660		68 / 11
PSRC1-F	MCC132-312	440	0.47 / 500		34 / 22
PSRC1-G	MCC132-312	575	0.1 / 660		50 / 22
	N280-T750				
PSRC1-H	MCC500/MDD600	440	0.47 / 500		33 / 33
	N370-T1100 N520-T1250				
PSRC1-I	MCC 500/MDD 600	575	0.1 / 660		50 / 33
	N370-T1100 N520-T1250				
PSRC1-J	MCC 500/MDD 600	660/690	0.1 / 750		50 / 33
	N370-T1100 N520-T1250				