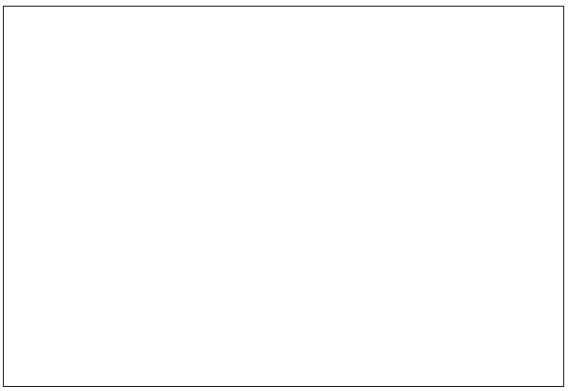
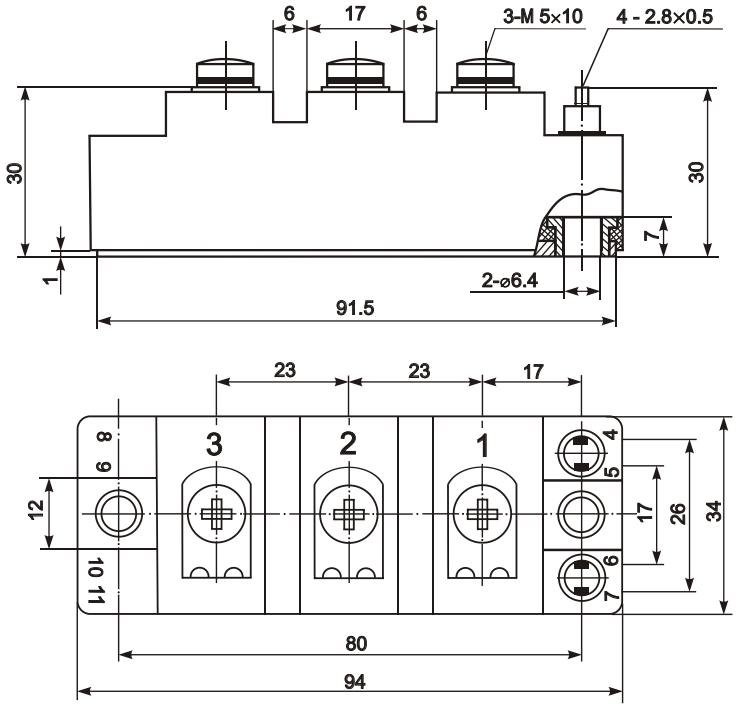
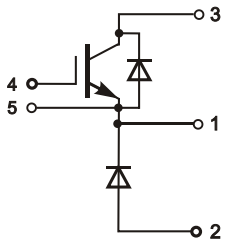
SMPL-100-12

NPN IGBT Buck-Chopper Module



Type	V_{CES}	I_C	I_{CM}	$V_{CE(sat)}$	$t_{d(on)}$	$t_{d(off)}$	t_f	$T_{J\ max}$	V_{isol}	R_{thJC}
	V	A	A	V	ns	ns	ns	°C	V	K/W
SMPL-100-12	1200	90	180	2.5	30	450	70	150	2500	0.18





Features:

- Industrial standard package
- Heat tranasfer through aluminium nitride ceramic isolated metal baseplate
- Precise internal pressure contacts for high reability
- 2500V RMS isolation voltage

Typical Applications:

- DC motor control
- AC motor soft starter
- Temperature control (e.g. for ovens, chemical processes)
- Lighting control