



SPTECH
深圳市质超微电子有限公司

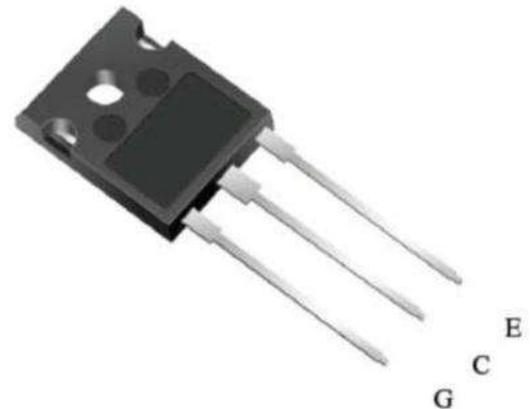
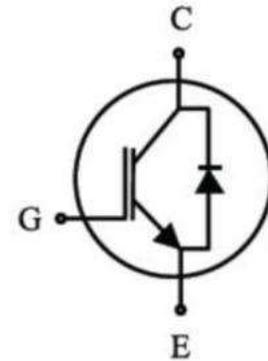
IKW40N120H3

1200V /40A Trench Field Stop IGBT

FEATURES

- High breakdown voltage to 1200V for improved reliability
- Trench-Stop Technology offering :
 - High speed switching
 - High ruggedness, temperature stable
 - Short circuit withstand time – 10 μ s
 - Low V_{CEsat}
 - Easy parallel switching capability due to positive temperature coefficient in V_{CEsat}
- Enhanced avalanche capability

V_{CE}	1200	V
I_C	40	A
$V_{CE(sat)}$ $I_C=40A$	2.0	V



APPLICATION

- Uninterruptible Power Supplies
- Solar inverter
- Welding
- PFC applications

