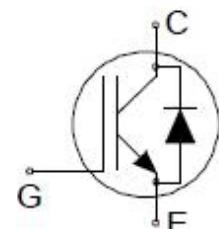


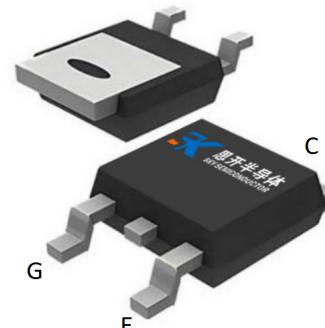
1. Description

SS05T65DLD is obtained by advanced Trench Field Stop (T-FS) technology which reduces the conduction loss, improves switching performance, and enhances the avalanche energy. The IGBT is suitable for UPS, Welding, and high-speed switching.

Schematic Diagram


KEY CHARACTERISTICS

Parameter	Value	Unit
V_{CES}	650	V
I_C	5	A
$V_{CE(SAT)typ}$	1.4	V

TO-252


FEATURES:

- Fast Switching
- Low $V_{CE(SAT)}$ ($\leq 1.9V$)
- Positive temperature coefficient
- Very soft, fast recovery anti-parallel diode
- RoHS product

APPLICATIONS:

- UPS
- Welding Converters
- Converters with high switching frequency

ORDERING INFORMATION

Ordering Codes	Package	Product Code	Packing	Quantity
SS05T65DLD	TO-252	SS05T65DLD	Reel	2500