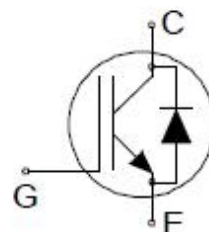


## 1.Description

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 device for UPS, Welding, and high-speed switching.

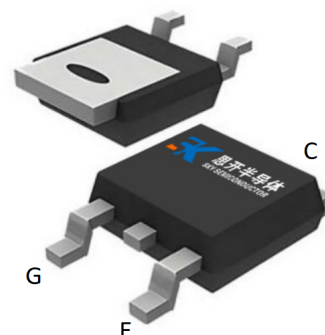
### Schematic Diagram



### 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