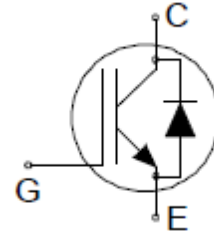




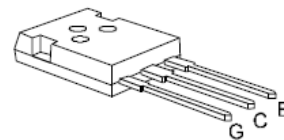
1. Description

SS40T120WGU is obtained by advanced Trench Field Stop (T-FS) technology which reduces the conduction loss, improve switching performance, and enhance the avalanche energy. The IGBT is suitable device for UPS, Welding, and high-speed switching.



KEY CHARACTERISTICS

Parameter	Value	Unit
V_{CES}	1200	V
I_C	40	A
$V_{CE(sat).typ}$	1.9	V
$P_D (T_C=25^{\circ}C)$	367	W



TO-247

FEATURES

- Fast Switching
- Low $V_{CE(sat)}$
- 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
SS40T120WGU	TO-247	SS40T120WGU	Tube