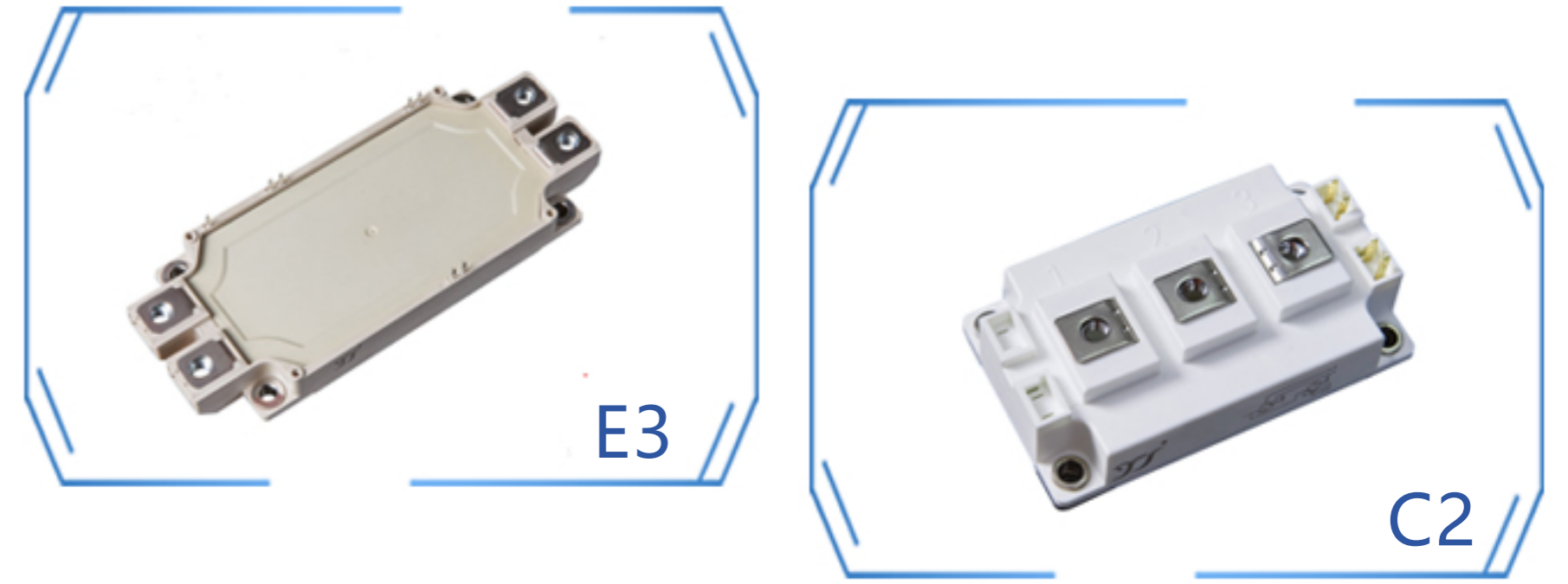


C2&E3 IGBT Modules for Variable-frequency Drive

Product Introduction

- 1、 C2 and E3 packages;
- 2、 $V_{RRM}:1200V$, $I_D:600A$;
- 3、 Excellent mechanical strength, high power cycle capacity;
- 4、 Automatic welding sheet and copper wire bonding process is adopted;
- 5、 Mainly used in electric vehicles, photovoltaic, wind power, medium/high power motor drive and other fields;
- 6、 Other market mainstream products can be completely pin to pin replaced by our high frequency IGBT modules;
- 7、 Use environment-friendly materials and comply with RoHS.



Product Features

- 1、 $T_{jmax}=175^{\circ}C$;
- 2、 Low $V_{ce(sat)}$ and switching losses;
- 3、 Micro-groove has a strong short circuit tolerance;
- 4、 Compact and reliable design with injection molded insert terminals;
- 5、 Low R_{jc} thermal resistance and high heat dissipation performance;
- 6、 AC 2.5KV 1min insulating ability.

Electrical Parameters

Product Name	Specification	Package	V_{CES}	Structure
MG600HF12TLE3	600A/1200V	E3	1200V	HF
MG600HF12TLC2	600A/1200V	C2	1200V	HF
MG600HF12MLC2	600A/1200V	C2	1200V	HF

Please refer to the official website for more details

Application



Variable-frequency Drive