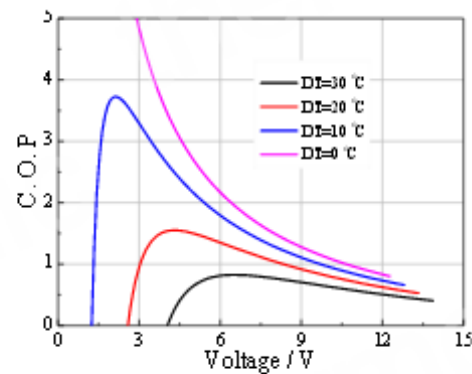


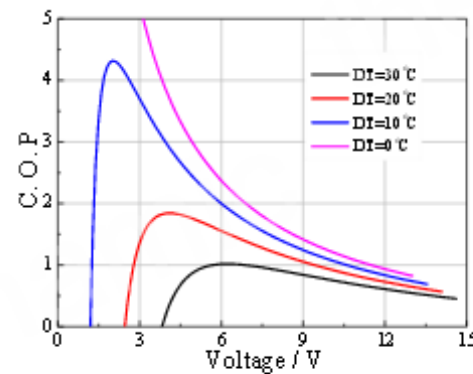
## Specification of Thermoelectric Module

TEC1-12706

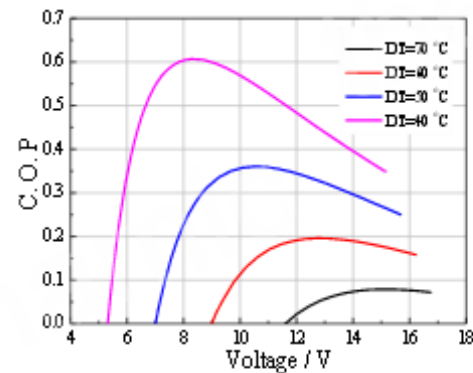
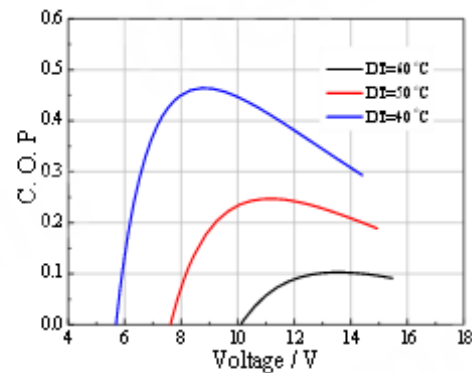
Performance Curves at  $T_h=27\text{ }^{\circ}\text{C}$



Performance Curves at  $T_h=50\text{ }^{\circ}\text{C}$



Standard Performance Graph  $\text{COP} = f(V)$  of  $\Delta T$  ranged from 0 to  $30\text{ }^{\circ}\text{C}$



Standard Performance Graph  $\text{COP} = f(V)$  of  $\Delta T$  ranged from 40 to 60/70  $^{\circ}\text{C}$

Remark: The coefficient of performance (COP) is the cooling power  $Q_c$ /input power ( $V \times I$ ).

### Operation Cautions

- Cold side of the module stucked on the object being cooled
- Hot side of the module mounted on a heat radiator
- Operation or storage module below  $100\text{ }^{\circ}\text{C}$
- Operation below  $I_{max}$  or  $V_{max}$
- Work under DC