

# Fuji Electric 6<sup>th</sup> Gen. IGBTs V-series

## ● High efficiency, compact package

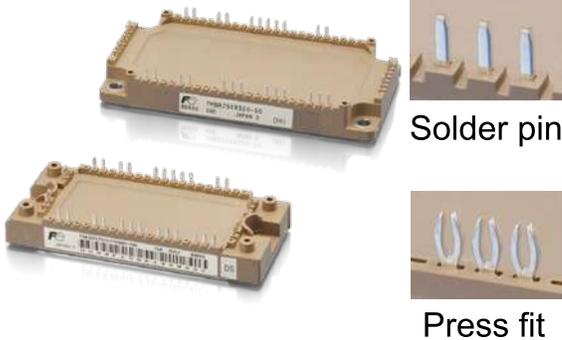
- Low  $V_{on}$ , fast switching, low power dissipation
- $T_j(max)=175^{\circ}C$ ,  $T_j(op)=150^{\circ}C$
- RoHS compliant

## ● Improved switching characteristics

- Reduced  $dV/dt$  and  $dI/dt$ , soft switching behavior
- Suppressed spike voltage, noise and oscillation
- Short circuit capability  $10\mu s$  at  $150^{\circ}C$

### 6pack / PIM

600V : 50A - 150A  
1200V : 25A - 180A



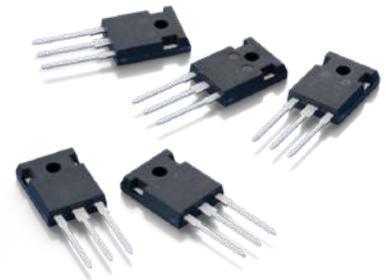
### Dual XT

1200V : 225A - 600A  
1700V : 300A - 550A



### Discrete

600V : 30A - 75A  
1200V : 15A - 40A



### Classic 2in1/1in1

600V : 100A - 600A  
1200V : 75A - 600A



### PrimePACK™

1200V : 600A - 1400A  
1700V : 650A - 1400A



### HPM

1200V / 1700V / 3300V  
< 3600A



Note: PrimePACK™ is the registered trademark of Infineon Technology AG, Germany