

# IGBT module nomenclature

**G 600 HB A K 06 P2 P**

## Device type

**G** = IGBT module

## Current capability

**300** = 300A

**450** = 450A

**600** = 600A

## Circuit configuration

**SG** = Single IGBT

**HH** = Half bridge

**HB** = Half bridge plus brake

**FF** = Full 3-phase bridge

**FB** = Full 3-phase bridge plus brake

**SS** = 7 Pack

**SP** = Seven plus

**XX** = Custom variant

## Module generation

### IGBT/FWD configuration

**A** = Gen 4/Gen 2

**B** = Gen 4/Gen 3

**C** = Gen 5 (NPT)/Gen 3

**D** = Gen 6 (Trench)/Gen 3

## Screening level

**P** = Unscreened

**H** = Military grade

**K** = Space level

## Package type

**H1** = HiRel Pak, 3.37" x 4.61" x 1.19"

**P1** = HiRel INT-A-Pak 1, 1.2" x 3.5" x 1"

**P2** = HiRel INT-A-Pak 2, 2.5" x 4" x 1"

**P3** = HiRel INT-A-Pak 3, 2.84" x 5" x 1"

**P4** = HiRel INT-A-Pak 4, 3.37" x 4.61" x 1.19"

**P5** = HiRel INT-A-Pak 5, 2.86" x 4.31" x 0.875"

**P6** = HiRel INT-A-Pak 6, 5.10" x 5.5" x 1.46"

## Voltage

**06** = 600V

**12** = 1200V

## IGBT speed/SC capability

**K** = Fast, SC capable

**W** = Warp, not SC capable

**U** = Fast, not SC capable