

7th Generation Power Modules Dual XT & Premium Dual XT

Dual XT – More power, lower losses

FEATURES

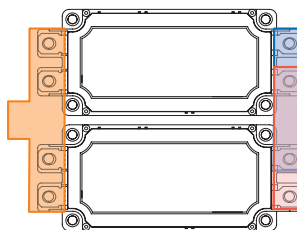
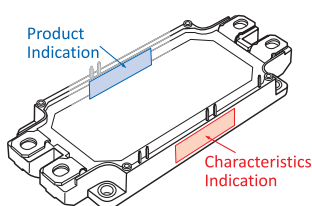
- 7G IGBT & FWD
- New internal layout
- Higher reliability
- Improved silicone gel
- Solder or Mini press-fit pins

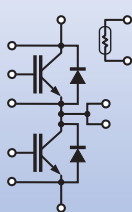
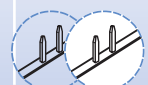



Premium Dual XT – High power density

FEATURES

- 7G IGBT & FWD
- Advanced bond wire design
- High thermal conductive ceramic substrate
- Package material with CTI > 600
- $V_{iso} = 4kV$
- Improved silicone gel
- Solder or mini press-fit pins

2nd label indicates $V_{CE(sat)}$ and V_F classes for easier paralleling



Line-up Plan						
		7G		Premium		
		I_c	1200 V	1700 V	1200 V	1700 V
  		225 A	■	■		
		300 A	■	■		
		450 A	■	■		
		600 A	■		■	■
		800 A			■	
		 175°C T_J		 175°C T_J		