TECHNICAL DATA SHEET

INFINEON TECHNOLOGIES

FF400R12KE3

Module IGBT 1200V 400A DUAL HALF BRIDGE



Maximum Ratings	
Collector-emitter voltage (VCES)	**1200 V**
Repetitive peak collector current (ICRM)	**800 A**
Gate-emitter peak voltage (VGES)	**+/-20 V**

Thermal Data	
Operating junction temperature (Tvj op)	**-40 to 125 °C**

Diode Maximum Ratings	
Repetitive peak reverse voltage (VRRM)	**1200 V**
Repetitive peak forward current (IFRM)	**800 A**
Continuous DC forward current (IF)	**400 A**

Mechanical Data	
Dimensions (length)	**106.4 mm**
Dimensions (width)	**61.4 mm**
Housing	**62 mm**

Product Details	
Technology	**IGBT3 - E3**
Qualification	**Industrial**

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