


フルSiCパワーモジュール

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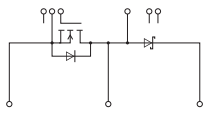
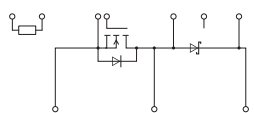
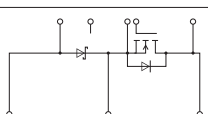
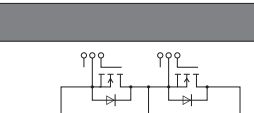
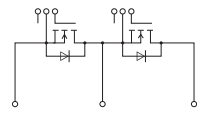
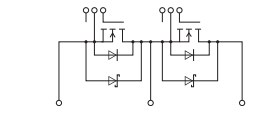
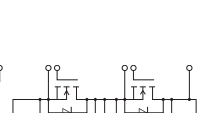
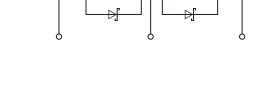
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●フルSiCパワーモジュール早見表

V <sub>DSS</sub> (V)	R <sub>DS(on)</sub> (mΩ)	ケースタイプ		
				
		C type	E type	G type
1,200	34	BSM080D12P2C008		
	20	BSM120D12P2C005 BSM120C12P2C201		
	12.8	BSM180D12P2C101		
	12.2		BSM180C12P2E202 BSM180D12P2E002	
	10	BSM180D12P3C007 BSM180C12P3C202		
	7.3		BSM300D12P2E001	
	6.3		BSM300C12P3E201 BSM300C12P3E301	
	5.75			BSM400D12P2G003
	5.55		BSM300D12P3E005	
	4.5			BSM400D12P3G002 BSM400C12P3G202
3			BSM600D12P3G001 BSM600C12P3G201	
1,700	8		BSM250D17P2E004	

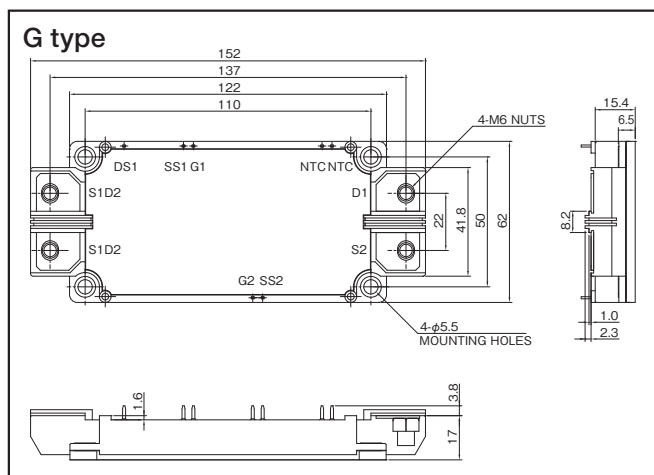
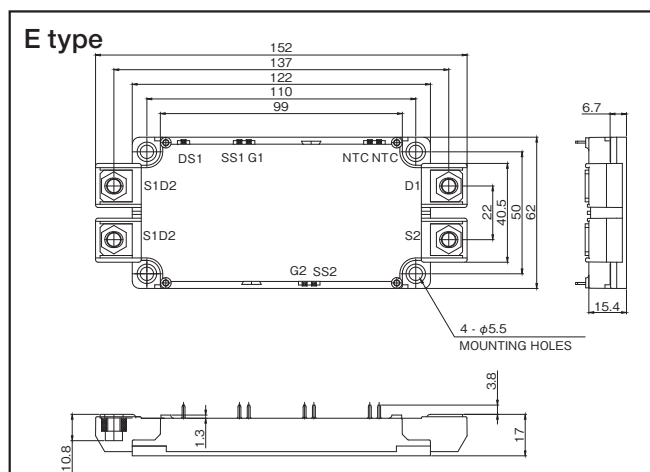
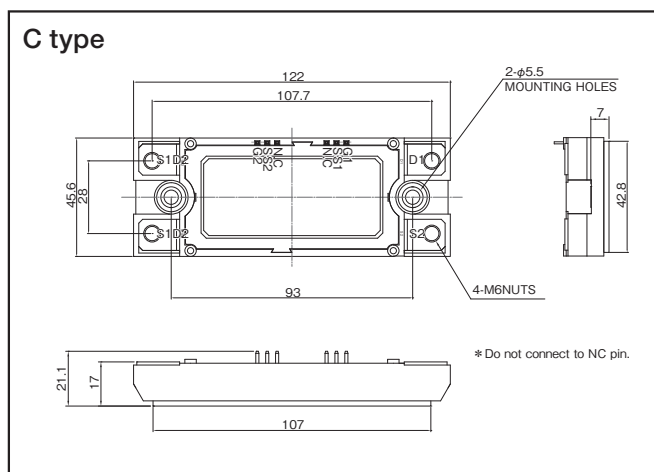
フルSiCパワーモジュール

品名	絶対最大定格 (T <sub>J</sub> =25°C)					パッケージ	等価回路図
	V <sub>DSS</sub> (V)	I <sub>D</sub> (A)	T <sub>J</sub> (°C)	T <sub>stg</sub> (°C)	Visol(V) AC 1min		
<b>昇降圧チョッパタイプ</b>							
BSM120C12P2C201	1,200	120	-40 to +175	-40 to +125	2,500	C type	
BSM180C12P3C202	1,200	180	-40 to +175	-40 to +125	2,500		
BSM180C12P2E202	1,200	180	-40 to +175	-40 to +125	2,500	E type	
BSM300C12P3E201	1,200	300	-40 to +175	-40 to +125	2,500		
BSM400C12P3G202	1,200	400	-40 to +175	-40 to +125	2,500	G type	
BSM600C12P3G201	1,200	600	-40 to +175	-40 to +125	2,500		
BSM300C12P3E301	1,200	300	-40 to +175	-40 to +125	2,500	E type	
<b>ハーフブリッジタイプ</b>							
BSM180D12P2C101	1,200	180	-40 to +175	-40 to +125	2,500	C type	
BSM080D12P2C008	1,200	80	-40 to +175	-40 to +125	2,500		
BSM120D12P2C005	1,200	120	-40 to +175	-40 to +125	2,500		
BSM180D12P3C007	1,200	180	-40 to +175	-40 to +125	2,500		
BSM180D12P2E002	1,200	180	-40 to +175	-40 to +125	2,500	E type	
BSM300D12P2E001	1,200	300	-40 to +175	-40 to +125	2,500		
BSM300D12P3E005	1,200	300	-40 to +175	-40 to +125	2,500		
BSM400D12P2G003	1,200	400	-40 to +175	-40 to +125	2,500	G type	
BSM400D12P3G002	1,200	400	-40 to +175	-40 to +125	2,500		
BSM600D12P3G001	1,200	600	-40 to +175	-40 to +125	2,500		
BSM250D17P2E004	1,700	250	-40 to +175	-40 to +125	3,400	E type	

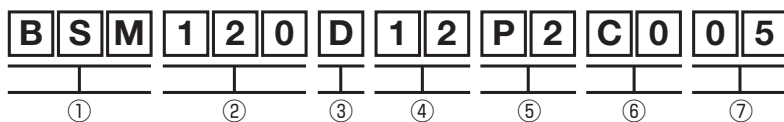
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## フルSiCパワーモジュール

### ●外形寸法図(単位: mm)



### ●形名の構成



- ① SiCパワーモジュール
- ② 定格電流
- ③ C → 1回路入り  
D → 2回路入り
- ④ 耐圧  
例 12 → 1,200V
- ⑤ デバイスタイプ  
P2…第2世代SiC MOSFET使用  
P3…第3世代SiC MOSFET使用
- ⑥ ケースタイプ
- ⑦ 追番