



















IGBT Medium Power Modules

EconoPACK™ + D-Series

1200 V _{CES}							
   							
Type	V _{CES} V	I _C A	V _{CEsat} V T _{vj} = 25°C typ.	E _{on} /E _{off} mWs T _{vj} =125°C typ.	R _{thJC} K/W max	Outline/ page	
 sixpack with NTC	IGBT4						
	◆ FS225R120E4	1200	225	1,75	20/28,5	0,120	M_E+d/2.16
	◆ FS300R120E4	1200	300	1,75	29,5/38,0	0,091	M_E+d/2.16
	◆ FS450R120E4	1200	450	1,75	40,5/56,5	0,067	M_E+d/2.16

1200 V _{CES}							
   							
Type	V _{CES} V	I _C A	V _{CEsat} V T _{vj} = 25°C typ.	E _{on} /E _{off} mWs T _{vj} =125°C typ.	R _{thJC} K/W max	Outline/ page	
 sixpack with NTC	IGBT4						
	◆ FS225R120E4P	1200	225	data on request	data on request	data on request	M_E+d/2.16
	◆ FS300R120E4P	1200	300	data on request	data on request	data on request	M_E+d/2.16
	◆ FS450R120E4P	1200	450	data on request	data on request	data on request	M_E+d/2.16

1700 V _{CES}							
  							
Type	V _{CES} V	I _C A	V _{CEsat} V T _{vj} = 25°C typ.	E _{on} /E _{off} mWs T _{vj} =125°C typ.	R _{thJC} K/W max	Outline/ page	
 sixpack with NTC	IGBT4						
	◆ FS225R170E4	1700	225	1,95	60/73,5	0,100	M_E+d/2.16
	◆ FS300R170E4	1700	300	1,95	90,5/93	0,082	M_E+d/2.16
	◆ FS450R170E4	1700	450	1,95	165/135	0,062	M_E+d/2.16
	◆ FS500R170E4D	1700	500	data on request	data on request	data on request	M_E+d/2.16

1700 V _{CES}							
  							
Type	V _{CES} V	I _C A	V _{CEsat} V T _{vj} = 25°C typ.	E _{on} /E _{off} mWs T _{vj} =125°C typ.	R _{thJC} K/W max	Outline/ page	
 sixpack with NTC	IGBT4						
	◆ FS225R170E4P	1700	225	data on request	data on request	data on request	M_E+d/2.16
	◆ FS300R170E4P	1700	300	data on request	data on request	data on request	M_E+d/2.16
	◆ FS450R170E4P	1700	450	1,95	135	155	M_E+d/2.16
	◆ FS500R170E4DP	1700	500	data on request	data on request	data on request	M_E+d/2.16

◆ New type ...P = preapplied Thermal Interface Material (TIM)