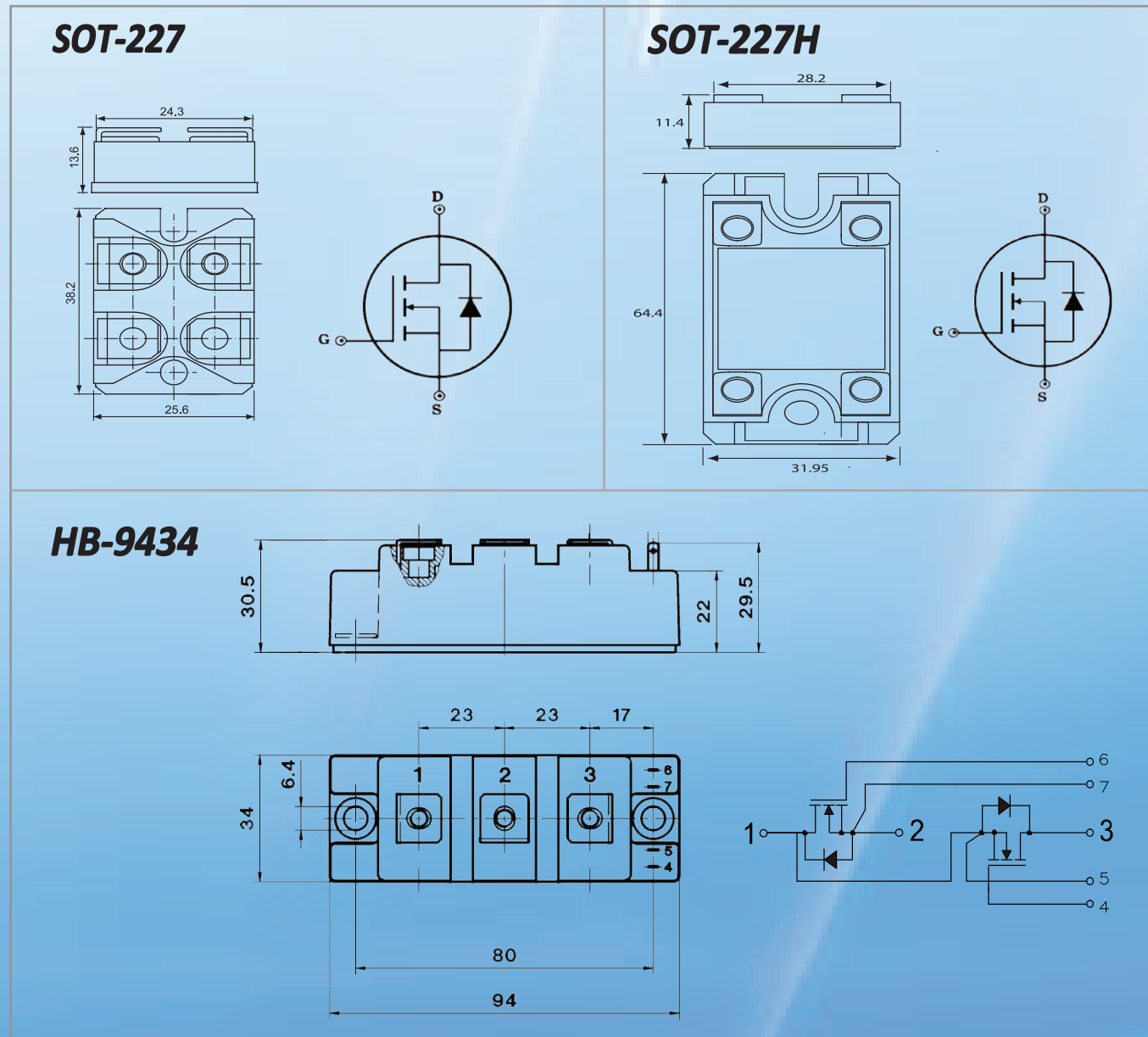


Package Outline

Dimensions in mm



Applications

- ◆ Battery, BMS
- ◆ Boat, Cruiser
- ◆ Charger
- ◆ Converter
- ◆ Electric Vehicles
- ◆ ESS
- ◆ Golf Cars
- ◆ HS Railroad
- ◆ Inverter
- ◆ Lifter
- ◆ Medical Machines
- ◆ Military
- ◆ Motor Driver
- ◆ Power supplies
- ◆ Solar & Wind
- ◆ Synchronous Rectifiers
- ◆ Transportation
- ◆ UAV
- ◆ Welding



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NEW



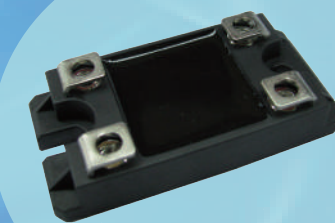
HB-9434

- ◆ BVDSS = 60V-650V
- ◆ ID(@25°C) = 50A-960A
- ◆ RDS(on) (Typ.) = 0.53mΩ-75mΩ



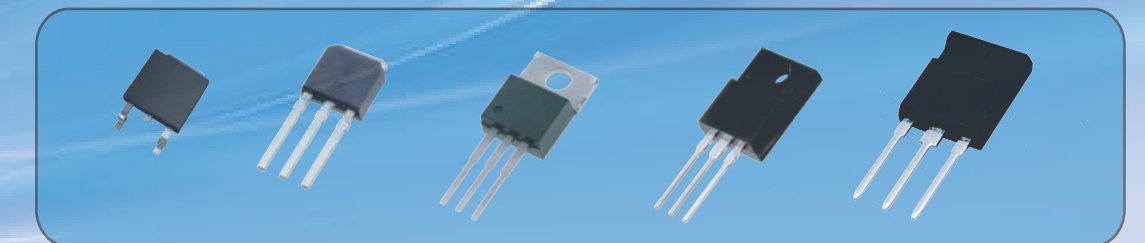
SOT-227

- ◆ BVDSS = 60V-650V
- ◆ ID(@25°C) = 50A-660A
- ◆ RDS(on) (Typ.) = 0.8mΩ-75mΩ



SOT-227H

- ◆ BVDSS = 60V-650V
- ◆ ID(@25°C) = 180A-1200A
- ◆ RDS(on) (Typ.) = 0.4mΩ-19mΩ



Mosfet

Part No.	Drain-Source Breakdown Voltage	Drain Current Continuous		Drain-Source On-State Resistance @VGS=10V		Outline
		ID		RDS(on)		
	BV _{DSS}	@25℃	@100℃	Typ.	Max.	
	V	A	A	mΩ	mΩ	
DAMI330N60	60	330	300	1.4	1.5	 SOT-227
DAMI500N60	60	500	400	0.9	1.1	
DAMI660N60	60	660	500	0.8	0.9	
DAMI160N100	100	160	120	3.5	4	
DAMI320N100	100	320	280	1.9	2.1	
DAMI450N100	100	450	320	1.3	1.5	
DAMI560N100	100	560	445	1	1.1	
DAMI220N150	150	220	150	6.5	6.7	
DAMI300N150	150	300	180	4.3	4.5	
DAMI360N150	150	360	220	3	3.2	
DAMI160N200	200	160	130	10	10.3	 SOT-227H
DAMI220N200	200	220	180	7.5	7.8	
DAMI280N200	200	280	210	5.8	6	
DAMIA800N60	60	800	600	0.64		
DAMIA960N60	60	960	720	0.53		
DAMIA1100N60	60	1100	820	0.45		
DAMIA1200N60	60	1200	900	0.4		
DAMIA700N100	100	700	520	0.8		
DAMIA830N100	100	830	620	0.67		
DAMIA960N100	100	960	720	0.57		
DAMIA1100N100	100	1100	820	0.5		
DAMIA460N150	150	460	270	2.6		
DAMIA560N150	150	560	330	2.2		
DAMIA660N150	150	660	400	1.86		
DAMIA760N150	150	760	450	1.6		
DAMIA320N200	200	320	190	4.64		
DAMIA380N200	200	380	220	3.88		
DAMIA440N200	200	440	260	3.32		
DAMIA500N200	200	500	300	3		



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www.dacosemi.com.tw

Mosfet

Part No.	Drain-Source Breakdown Voltage	Drain Current Continuous		Drain-Source On-State Resistance @VGS=10V		Outline
		ID		RDS(on)		
	BV _{DSS}	@25℃	@100℃	Typ.	Max.	
	V	A	A	mΩ	mΩ	
DAMH360N60	60	360	300	1.4		 HB-9434 Half bridge
DAMH500N60	60	500	400	0.9		
DAMH660N60	60	660	500	0.8		
DAMH800N60	60	800	600	0.64		
DAMH960N60	60	960	720	0.53		
DAMH320N100	100	320	250	1.9		
DAMH450N100	100	450	360	1.3		
DAMH560N100	100	560	460	1		
DAMH700N100	100	700	520	0.8		
DAMH830N100	100	830	620	0.67		
DAMH250N150	150	250	150	6.5		
DAMH300N150	150	300	180	4.3		
DAMH360N150	150	360	220	3		
DAMH460N150	150	460	270	2.6		
DAMH560N150	150	560	330	2.2		
DAMH160N200	200	160	110	10		
DAMH220N200	200	220	140	7.5		
DAMH280N200	200	280	180	6		
DAMH320N200	200	320	190	4.64		
DAMH380N200	200	380	220	3.88		
DAMH50N650	650	50	28	70		
DAMH90N650	650	90	50	35		
DAMH140N650	650	140	80	25		
DAMH200N650	650	200	120	16		

We do customer design too!!



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Super Junction Mosfet

Part No.	Drain-Source Breakdown Voltage	Gate Source Voltage	Drain Current Continuous		Drain-Source On-State Resistance @VGS=10V		Outline
			ID		RDS(on)		
			@25℃	@100℃	Typ.	Max.	
			V	[V] ±	A	A	
DAMJ4N600D	600	±30	4	2.53	1000	1200	 TO-252
DAMJ11N600D	600	±30	11	7	330	380	
DAMJ7N650D	650	±30	7	4.4	470	570	
DAMJ11N650D	650	±30	11	6.7	330	380	
DAMJ4N700D	700	±30	4	2.5	830	930	
DAMJ7N700D	700	±30	7	4.4	520	570	
DAMJ4N700B	700	±30	4	2.5	830	930	 TO-251
DAMJ15N650C	650	±30	15	9.5	260	290	 TO-220
DAMJ20N650C	650	±30	20	12.6	160	200	
DAMJ7N650F	650	±30	7	4.4	470	570	 TO-220F
DAMJ11N650F	650	±30	11	6.7	330	380	
DAMJ15N650F	650	±30	15	9.5	260	290	
DAMJ20N650F	650	±30	20	12.6	160	200	
DAMJ4N700F	700	±30	4	2.5	830	930	
DAMJ7N700F	700	±30	7	4.4	520	570	
DAMJ20N700F	700	±30	20	12.6	-	190	
DAMJ17N800F	800	±30	17	10.7	260	350	
DAMJ20N600P	600	±30	20	12.6	150	180	 TO-247
DAMJ60N600P	600	±30	60	38	-	65	
DAMJ53N650P	650	±30	53	33.5	60	69	
DAMJ78N650P	650	±30	78	49.3	38	42	
DAMJ17N800P	800	±30	17	10.7	260	350	
DAMI50N650	650		50	28	75	78	 SOT-227
DAMI90N650	650		90	50	36	39	
DAMI140N650	650		140	80	24	26	
DAMIA180N650	650		180	110	19		 SOT-227H
DAMIA200N650	650		200	120	16		
DAMIA250N650	650		250	150	13		
DAMIA300N650	650		300	180	11		