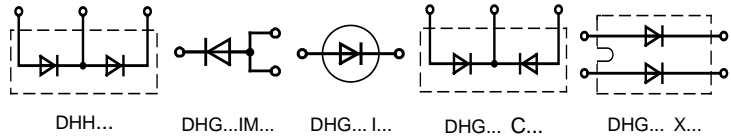
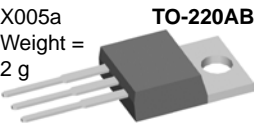
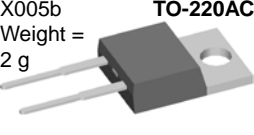
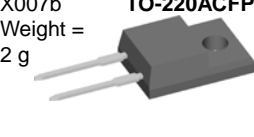
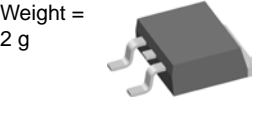
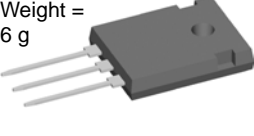
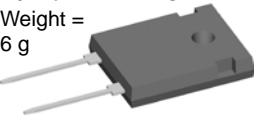
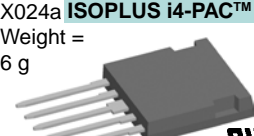
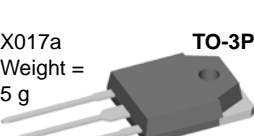

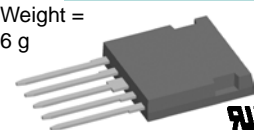
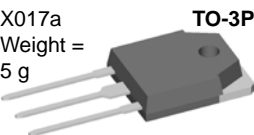


SONIC-FRD™ Diodes

$I_{FAV} = 5 - 2x 60 A$ • ultrasoft and fast recovery
• very low temperature dependence



Type	V_{RRM}	I_{FAV}	@ T_C	I_{FSM}	V_F	@ I_F	t_{rr}	I_{RM}	$-di/dt$	T_{VJM}	R_{thJC}	Fig. No.	Package style
		$d = 0.5$		10 ms 45°C		$T_{VJ} = 150°C$	$T_{VJ} = 25°C$	typ.	typ.				Outline drawings on pages O-30...O-52
➤ New	V	A	°C	A	V	A	ns	A	A/ μ s	°C	K/W		
➤ DHG 5I600PA	600	5	105	40	2.09	5	35	2.0	100	150	3.15	X005b	 TO-220AB Weight = 2 g  TO-220AC Weight = 2 g  TO-220ACFP Weight = 2 g  TO-263AB Weight = 2 g  TO-247AD Weight = 6 g  TO-247AD Weight = 6 g  ISOPLUS i4-PAC™ Weight = 6 g  TO-3P Weight = 5 g  SOT-227B miniBLOC Weight = 30 g
➤ DHG 5I600PM		5	90	40	2.09	5		2.0	100		4.20	X007b	
➤ DHG 10C600PB		2x 5	105	40	2.09	5		2.0	100		3.15	X005a	
➤ DHG 10I600PA		10	95	100	2.21	10		4.0	200		1.80	X005b	
➤ DHG 10I600PM		10	30	100	2.21	10		4.0	200		4.00	X007b	
➤ DHG 20C600PB		2x 10	95	100	2.21	10		4.0	200		1.80	X005a	
➤ DHG 20C600QB		2x 10	100	100	2.20	10		4.0	200		1.80	X017a	
➤ DHG 20I600PA		20	100	150	2.15	20		8.0	400		0.80	X005b	
➤ DHG 20I600HA		20	100	150	2.14	20		8.0	400		0.90	X014b	
➤ DHG 40C600PB		2x 20	100	150	2.15	20		8.0	400		0.80	X005a	
➤ DHG 40C600HB		2x 20	100	150	2.14	20		8.0	400		0.90	X014a	
➤ DHG 50X600NA		2x 25	70	200	2.03	25		12.0	600		1.20	X027a	
➤ DHG 30I600PA		30	95	200	2.22	30		12.0	600		0.60	X005b	
➤ DHG 30IM600PC		30	95	200	2.20	30		12.0	600		0.60	X011b	
➤ DHG 30I600HA		30	85	200	2.20	30		12.0	600		0.70	X014b	
➤ DHG 60C600HB		2x 30	85	200	2.20	30		12.0	600		0.70	X014a	
➤ DHG 100X600NA		2x 50	80	430	2.00	50		20.0	1200		0.60	X027a	
➤ DHG 60I600HA		60	95	430	2.10	60		24.0	1200		0.30	X014b	
➤ DHG 10I1200PA	1200	10	95	70	2.37	10	75	8.5	350	150	1.80	X005b	
➤ DHG 10I1200PM		10	30	70	2.37	10		8.5	350		4.00	X007b	
➤ DHG 20C1200PB		2x 10	95	70	2.37	10		8.5	350		1.80	X005a	
➤ DHG 20I1200PA		20	100	135	2.31	20		19.0	750		0.80	X005b	
➤ DHG 20I1200HA		20	95	135	2.30	20		19.0	750		0.90	X014b	
➤ DHG 40C1200HB		2x 20	95	135	2.30	20		19.0	750		0.90	X014a	
➤ DHG 50X1200NA		2x 25	65	180	2.24	25		25.0	1000		1.20	X027a	
➤ DHG 30I1200HA		30	85	180	2.40	30		25.0	1000		0.70	X014b	
➤ DHG 100X1200NA		2x 50	70	430	2.20	50		50.0	2500		0.60	X027a	
➤ DHG 60I1200HA		60	95	430	2.29	60		50.0	2500		0.30	X014b	
DH 20-18A	1800	20	80	150	2.94	20	150	16.0	200	150	0.90	X014b	 TO-3P Weight = 6 g
DH 40-18A	1800	40	85	350	2.69	40		33.0	400		0.45	X014b	
DH 60-14A	1400	60	80	650	2.65	60		50.0	600		0.30	X014b	
DH 60-16A	1600	60	80	650	2.65	60		50.0	600		0.30	X014b	
DH 60-18A	1800	60	80	650	2.65	60		50.0	600		0.30	X014b	
DHH 55-36N1F	2x 1800	60	80	650	2.65	60		50.0	600		0.30	X024b	 TO-3P Weight = 5 g
DH 2x61-18A	1800	2x 60	25	650	2.61	60		50.0	600		0.60	X027a	