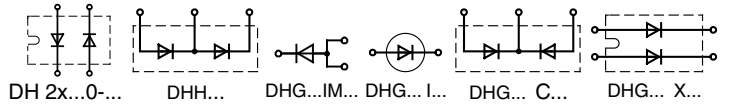
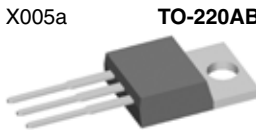
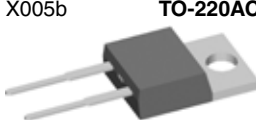
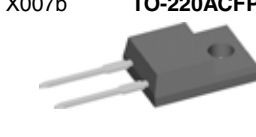

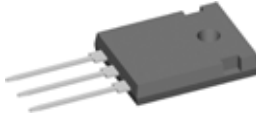
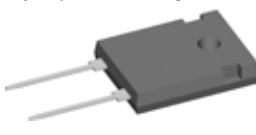
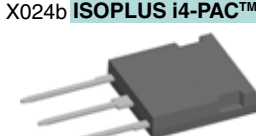




SONIC-FRD™ Diodes

$I_{FAV} = 5 - 2 \times 60 \text{ A}$ • 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		$T_{VJ} = 125^\circ\text{C}$	typ.						Outline drawings on pages O-29...O-51
➤ New	V	A	$^\circ\text{C}$	A	V	A	$T_{VJ} = 25^\circ\text{C}$	A	A/ μs	$^\circ\text{C}$	K/W		
DHG 5I600PA	600	5	105	40	2.17	5	35	2	100	150	3.15	X005b	 <p>TO-220AB</p>  <p>TO-220AC</p>  <p>TO-220ACFP</p>  <p>TO-263AB</p>  <p>TO-247AD</p>  <p>TO-247AD</p>  <p>ISOPLUS i4-PAC™</p>  <p>TO-3P</p>  <p>SOT-227B miniBLOC</p>
DHG 5I600PM		5	85	40	2.17	5		2	100		4.20	X007b	
DHG 10C600PB		2x 5	105	40	2.17	5		2	100		3.15	X005a	
DHG 10I600PA		10	95	80	2.18	10		4	200		1.80	X005b	
DHG 10I600PM		10	25	80	2.18	10		4	200		4.00	X007b	
DHG 20C600PB		2x 10	95	80	2.18	10		4	200		1.80	X005a	
DHG 20C600QB		2x 10	95	80	2.17	10		4	200		1.80	X017a	
DHG 20I600PA		20	100	150	2.21	20		8	400		0.80	X005b	
DHG 20I600HA		20	95	150	2.19	20		8	400		0.90	X014b	
DHG 40C600PB		2x 20	100	150	2.21	20		8	400		0.80	X005a	
DHG 40C600HB		2x 20	95	150	2.19	20		8	400		0.90	X014a	
➤ DHG 50X600NA		2x 25	70	200	2.03	25		12	600		1.20	X027a	
DHG 30I600PA		30	95	200	2.24	30		12	600		0.60	X005b	
DHG 30IM600PC		30	95	200	2.22	30		12	600		0.60	X011b	
DHG 30I600HA		30	85	200	2.21	30		12	600		0.70	X014b	
DHG 60C600HB		2x 30	85	200	2.21	30		12	600		0.70	X014a	
➤ DHG 100X600NA		2x 50	80	430	2.00	50		20	1200		0.60	X027a	
➤ DHG 60I600HA		60	95	430	2.10	60		24	1200		0.30	X014b	
DHG 10I1200PA	1200	10	95	65	2.13	10	75	8	350	150	1.80	X005b	
DHG 10I1200PM		10	30	65	2.13	10		8	350		4.00	X007b	
DHG 20C1200PB		2x 10	95	65	2.13	10		8	350		1.80	X005a	
DHG 20I1200PA		20	105	135	2.16	20		19	750		0.80	X005b	
DHG 20I1200HA		20	95	135	2.14	20		19	750		0.90	X014b	
DHG 40C1200HB		2x 20	95	135	2.14	20		19	750		0.90	X014a	
DHG 50X1200NA		2x 25	70	180	2.00	25		25	1000		1.20	X027a	
DHG 30I1200HA		30	90	180	2.16	30		25	1000		0.70	X014b	
DHG 100X1200NA		2x 50	65	430	2.05	50		50	2500		0.60	X027a	
DHG 60I1200HA		60	95	430	2.22	60		50	2500		0.30	X014b	
➤ DHG 10I1800PA	1800	10	85	65	2.30	10	150	8	200	150	2.15	X005b	
DH 20-18A	1800	20	80	150	2.94	20		16	300		0.90	X014b	
DH 40-18A	1800	40	85	350	2.69	40		33	400		0.45	X014b	
DH 60-14A	1400	60	100	700	2.05	60		60	800		0.30	X014b	
DH 60-16A	1600	60	100	700	2.05	60		60	800		0.30	X014b	
DH 60-18A	1800	60	100	700	2.05	60		60	800		0.30	X014b	
DHH 55-36N1F	2x 1800	60	50	700	2.05	60		60	800		0.60	X024b	
➤ DH 2x60-18A	1800	2x 60	55	700	2.02	60		60	800		0.60	X027a	
DH 2x61-18A	1800	2x 60	55	700	2.02	60		60	800		0.60	X027a	

Data according to IEC 60747 and refer to a single diode or thyristor unless otherwise stated.