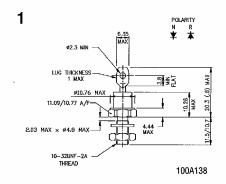
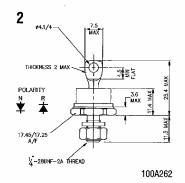
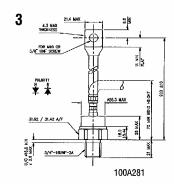
## Rectifier Diodes ~ Stud & flat base types

Туре	$V_{_{\mathrm{RRM}}}$	I <sub>F(AV)</sub>	$\mathbf{I}_{_{F(RMS)}}$	$I_{\scriptscriptstyle \sf F}$	I <sub>FSM(1)</sub>	$I_{\scriptscriptstyle{FSM(2)}}$	I²t <sub>(2)</sub>	$\mathbf{I}_{RRM}$	V <sub>o</sub>
	Range	at T <sub>case</sub>	@25°C	@25°C	10ms	10ms	10ms		@ Tj Max.
					V <sub>R</sub> ≤60%	V <sub>R</sub> ≤10V			
					V <sub>RRM</sub>				
	(Note 5)	(4) (00)	/A\	(4)	(Note 2)	(Note 2)	(Note 2)	/m 4)	(Note 1)
	(V)	(A) (°C)	(A)	(A)	(A)	(A)	(A²s)	(mA)	(V)
SWxPCN012	200-1200	17(100)	40	40	210	240	288	3	0.98
SWxPCN020	200-1200	30(115)	47	47	245	282	397	3	1.09
SWxPCN030	200-1200	30(125)	47	47	350	400	800	3	0.90
SWxPCN040	200-1200	70(110)	118	118	650	750	2800	10	1.00
SWxPCN055	200-1200	75(110)	118	118	900	1035	5360	10	0.89
SWxPCN075	200-1200	75(135)	118	118	1300	1495	11175	10	0.925
SWxPHN300	200-1500	200(100)	E COO	COO	FEOO SAME	COEO	400-403	-15	0.95
SWxHHN300	200-1300	380(100)	600	600	** ·5500	6050	183 x 10 <sup>3</sup>	เอ	0.95
SWxPHN320	1600-2400	320(100)	600	600	4000	4400	97 x 10 <sup>3</sup>	45	4.00
SWxHHN320	1000-2400	320(100)		000 650	4000	4400	97 X 10°	15	1.00
SWxPHN380	1600-2400	370(100)	600	600	5500	6050	183 x 10 <sup>3</sup>	15	0.99
SWxHHN380	1000-2400	370(100)	600	000			103-X-10		0.99
SWxPHN400	200-1500	400(120)	630	630	7500	8250	340 x 10 <sup>3</sup>	15	0.80
SWxHHN400	200-1300	400(120)		030	7500	0230	340 X 10°	10	0.60
SWxKBR515	3800-4400	510 *	1175	980	9200	10580 🚙	559 x 10³	30	1.00
SWxKBR595	3000-3600	590 *	1400	1140	10600	12200	732 x 10³	30	0.90
SWxKBR635	2400-3000	630 *	1500	1222 <u> </u>	12700	14600	1.07 x 10 <sup>6</sup>	-30	0.87
SWxKBR805	200-2200	800 *	1500	1260	15400	17700	1.56 x 10°	30	0.87
SWxKBR935	200-1200	935 *	1500	1430	19500	22400	2.5 x 10 <sup>6</sup>	30	0.79

<sup>\*</sup>  $T_{\text{sink}}$  100°C







at I <sub>FM</sub> Tj Rth j-c	Rth c-hs   Wt   Mounting   Fig.   Type
j Max. d.c. 12 180°sine Re	Torque No.
(A) (°C) (K/W) (K	(K/W) (gm) (Kgm)
55 150 2.00 2.	0.25 6 0.21-0.24 1 <b>PCN012</b>
120 175 1.25 1.	0.25 6 0.21-0.24 1 <b>PCN020</b>
130 175 1.25 1.	0.25 6 0.21-0.24 1 <b>PCN030</b>
250 175 0.68 0.	0.10 17 0.25-0.35 2 <b>PCN040</b>
265 175 0.68 0.	0.10 17 0.25-0.35 2 <b>PCN055</b>
390 175 0.44 0.	0.10 17 0.25-0.35 2 <b>PCN075</b>
1500 180 0.13 0.	0.04 250 2.5-2.77 3 <b>PHN300</b>
1000 100 0.10 0.	0.04 2.0 2.3-2.77 4 HHN300
1160 180 0.15 0.	0.04 250 2.5-2.77 5 <b>PHN320</b>
1100 100 0.10	6 HHN320
1160 180 0.13 0.	0.04 250 2.5-2.77 5 <b>PHN380</b>
1100 100 0.10 0.	6 HHN380
1500 190 0.13 0.	0.04 250 2.5-2.77 3 <b>PHN400</b>
1000 100 0.10 0.	6.04 250 2.5-2.77 4 HHN400
1600 160 0.065* 0.	- 936 1.66-2.07 7 <b>KBR515</b>
1850 160 0.065* 0.	- 936 1.66-2.07 7 <b>KBR595</b>
1980 160 0.065* 0.	- 936 1.66-2.07 7 <b>KBR635</b>
2510 175 0.065* 0.	- 936 1.66-2.07 7 <b>KBR805</b>
2940 175 0.065* 0.	- 936 1.66-2.07 7 <b>KBR935</b>

\* Rth j-hs

