

# sensitive gate thyristors

## thyristors sensibles



Types	I <sub>O</sub> (A)	V <sub>R</sub> RRM = V <sub>D</sub> DRM (V)	I <sub>T</sub> SM 10 ms (A)	I <sub>RM</sub> @ V <sub>R</sub> RRM I <sub>DM</sub> @ V <sub>D</sub> DRM T <sub>j</sub> max R <sub>GK</sub> = 1kΩ max (mA)	T <sub>amb</sub> = 25°C				dv/dt @ 87% V <sub>D</sub> DRM T <sub>j</sub> max R <sub>GK</sub> = 1kΩ typ (V/μs)	di/dt max (A/μs)	Case
					V <sub>GT</sub> max (V)	I <sub>GT</sub> max (mA)	I <sub>H</sub> R <sub>GK</sub> = 1kΩ max (mA)	V <sub>TM</sub> / I <sub>TM</sub> max (V) (A)			

**0,5 Arms / T<sub>case</sub> = 85°C T<sub>j</sub> = 125°C**

2N 877 2N 878 2N 879 2N 880 2N 881 2N 882 2N 883	0,32	30 60 100 150 200 300 400	5	0,1	0,8	0,2	5	1,9	1	40	
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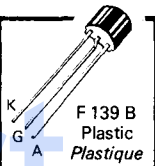
TO 18 metal  
(CB-6)

**0,5 Arms / T<sub>case</sub> = 75°C T<sub>j</sub> = 110°C**

TE 205 TE 305 TE 405 TE 505 TE 605	0,3	200 300 400 500 600	7	0,1  T <sub>j</sub> 85°C	0,8	0,5	10	1,9	1	200 min T <sub>j</sub> = 85°C C <sub>GK</sub> = 5nF	
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**0,8 Arms / T<sub>case</sub> = 25°C T<sub>j</sub> = 125°C**

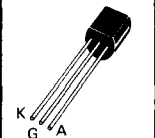
BRY 55-30 BRY 55-60 BRY 55-100 BRY 55-200 BRY 55-300 BRY 55-400	0,52	30 60 100 200 300 400	8	0,05	0,8	0,2	5	1,5	1	10	100
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F 139 B  
Plastic  
Plastique

**0,8 Arms / T<sub>case</sub> = 25°C T<sub>j</sub> = 110°C**

BRY 55 M-300 * BRY 55 M-400 * BRY 55 M-600 * BRY 55 M-800 *	0,52	V <sub>D</sub> DRM 300 400 600 800	8	I <sub>DM</sub> 0,1	0,8	0,2	5	1,8	1	100 min C <sub>GK</sub> = 5nF	100
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TO 92  
plastic  
plastique  
(CB-97)

**1 Arms / T<sub>case</sub> = 65°C T<sub>j</sub> = 110°C**

2N 6681 2N 6682 2N 6683 2N 6684 2N 6685	0,64	100 200 400 600 800	15	0,1	0,8	0,2	5	1,5	1	20 T <sub>j</sub> = 100°C	50
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N  
N  
N  
N  
N

**1,6 Arms / T<sub>connex.</sub> = 50°C T<sub>j</sub> = 110°C**

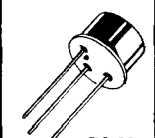
TL 106-05, TL 107-05 TL 106-1, TL 107-1 TL 106-2, TL 107-2 TL 106-4, TL 107-4 TL 106-6, TL 107-6	1	50 100 200 400 600	35	0,3	1	TL 106 0,2 TL 107 0,5	5	1,8	3,2	10	100
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TL  
plastic  
plastique  
(CB-274)

**1,6 Arms / T<sub>case</sub> = 85°C T<sub>j</sub> = 125°C**

2N 2322 2N 2323 2N 2324 2N 2325 2N 2326 2N 2327 2N 2328 2N 2329 TD 5001 S TD 6001 S	1	25 50 100 150 200 250 300 400 500 600	15	0,1	0,8	0,2	2	2	1	10	50
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TO 39  
metal  
(CB-7)

\* V<sub>RSM</sub> = 50 V

**N** : New product  
Nouveau produit