





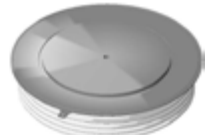
# Distributed Gate Thyristors

## Capsule Types

Part No.	V <sub>DRM</sub>	V <sub>RRM</sub>	I <sub>TAV</sub>	I <sub>TSM</sub>	I <sup>2</sup> t	t <sub>q</sub>	Typ. Reverse Recovery Charge			V <sub>TO</sub>	r <sub>T</sub>	R <sub>thJK</sub>	Fig. No.	Package style
							Q <sub>rr</sub>	@I <sub>TM</sub>	@-di/dt					
○ Not for new design			T <sub>K</sub> = 55°C	10 ms ½ sine	V <sub>R</sub> - ≤ 60% V <sub>RRM</sub>	@ 200 V/μs	μC	A	A/μs	@T <sub>JM</sub>	mΩ	180° Sine		Outlines on pages O-01...O-35
> New	V	V	A	A	A <sup>2</sup> s	μs				V		K/W		
R2714ZC14H	1400	1400	2714	35600	6.34 x 10 <sup>6</sup>	40	1400	4000	60	1.250	0.163	0.01100	W13	  W13 Weight 1.7 kg
R2714ZC14J	1400	1400	2714	35600	6.34 x 10 <sup>6</sup>	50	1400	4000	60	1.250	0.163	0.01100	W13	
R2714ZC14K	1400	1400	2714	35600	6.34 x 10 <sup>6</sup>	60	1400	4000	60	1.250	0.163	0.01100	W13	
R2714ZC18H	1800	1800	2714	35600	6.34 x 10 <sup>6</sup>	40	1400	4000	60	1.250	0.163	0.01100	W13	
R2714ZC18J	1800	1800	2714	35600	6.34 x 10 <sup>6</sup>	50	1400	4000	60	1.250	0.163	0.01100	W13	
R2714ZC18K	1800	1800	2714	35600	6.34 x 10 <sup>6</sup>	60	1400	4000	60	1.250	0.163	0.01100	W13	
R2714ZD14H	1400	1400	2714	35600	6.34 x 10 <sup>6</sup>	40	1400	4000	60	1.250	0.163	0.01100	W46	
R2714ZD14J	1400	1400	2714	35600	6.34 x 10 <sup>6</sup>	50	1400	4000	60	1.250	0.163	0.01100	W46	
R2714ZD14K	1400	1400	2714	35600	6.34 x 10 <sup>6</sup>	60	1400	4000	60	1.250	0.163	0.01100	W46	
R2714ZD18H	1800	1800	2714	35600	6.34 x 10 <sup>6</sup>	40	1400	4000	60	1.250	0.163	0.01100	W46	
R2714ZD18J	1800	1800	2714	35600	6.34 x 10 <sup>6</sup>	50	1400	4000	60	1.250	0.163	0.01100	W46	
R2714ZD18K	1800	1800	2714	35600	6.34 x 10 <sup>6</sup>	60	1400	4000	60	1.250	0.163	0.01100	W46	
○ R3047TC24K	2400	2400	3047	50000	12.5 x 10 <sup>6</sup>	60	2100	4000	60	1.580	0.170	0.00800	W14	
○ R3047TC24M	2400	2400	3047	50000	12.5 x 10 <sup>6</sup>	70	2100	4000	60	1.580	0.170	0.00800	W14	
○ R3047TC24N	2400	2400	3047	50000	12.5 x 10 <sup>6</sup>	100	2100	4000	60	1.580	0.170	0.00800	W14	
○ R3047TC28K	2800	2800	3047	50000	12.5 x 10 <sup>6</sup>	60	2100	4000	60	1.580	0.170	0.00800	W14	
○ R3047TC28M	2800	2800	3047	50000	12.5 x 10 <sup>6</sup>	70	2100	4000	60	1.580	0.170	0.00800	W14	
○ R3047TC28N	2800	2800	3047	50000	12.5 x 10 <sup>6</sup>	100	2100	4000	60	1.580	0.170	0.00800	W14	
> R3115TJ24J	2400	2400	3115	56000	15.68 x 10 <sup>6</sup>	50	3350	2000	60	1.884	0.120	0.00800	W81	
> R3115TJ24K	2400	2400	3115	56000	15.68 x 10 <sup>6</sup>	60	3350	2000	60	1.884	0.120	0.00800	W81	
> R3115TJ28J	2800	2800	3115	56000	15.68 x 10 <sup>6</sup>	50	3350	2000	60	1.884	0.120	0.00800	W81	
> R3115TJ28K	2800	2800	3115	56000	15.68 x 10 <sup>6</sup>	60	3350	2000	60	1.884	0.120	0.00800	W81	
R3370ZC12C	1200	1200	3370	43900	9.64 x 10 <sup>6</sup>	15	600	4000	60	1.353	0.064	0.01100	W13	
R3370ZC12D	1200	1200	3370	43900	9.64 x 10 <sup>6</sup>	20	600	4000	60	1.353	0.064	0.01100	W13	
R3370ZC12E	1200	1200	3370	43900	9.64 x 10 <sup>6</sup>	25	600	4000	60	1.353	0.064	0.01100	W13	
R3370ZD12C	1200	1200	3370	43900	9.64 x 10 <sup>6</sup>	15	600	4000	60	1.353	0.064	0.01100	W46	
R3370ZD12D	1200	1200	3370	43900	9.64 x 10 <sup>6</sup>	20	600	4000	60	1.353	0.064	0.01100	W46	
R3370ZD12E	1200	1200	3370	43900	9.64 x 10 <sup>6</sup>	25	600	4000	60	1.353	0.064	0.01100	W46	
○ R3559TC20K	2000	2000	3559	38900	7.57 x 10 <sup>6</sup>	60	1750	4000	60	1.173	0.155	0.00800	W14	
○ R3559TC20M	2000	2000	3559	38900	7.57 x 10 <sup>6</sup>	70	1750	4000	60	1.173	0.155	0.00800	W14	
○ R3559TC20N	2000	2000	3559	38900	7.57 x 10 <sup>6</sup>	100	1750	4000	60	1.173	0.155	0.00800	W14	
○ R3968FC24K	2400	2400	4001	66000	21.78 x 10 <sup>6</sup>	60	2600	4000	60	1.453	0.125	0.00650	W15	
○ R3968FC24M	2400	2400	4001	66000	21.78 x 10 <sup>6</sup>	70	2600	4000	60	1.453	0.125	0.00650	W15	
○ R3968FC24N	2400	2400	4001	66000	21.78 x 10 <sup>6</sup>	100	2600	4000	60	1.453	0.125	0.00650	W15	
○ R3968FC28K	2800	2800	4001	66000	21.78 x 10 <sup>6</sup>	60	2600	4000	60	1.453	0.125	0.00650	W15	
○ R3968FC28M	2800	2800	4001	66000	21.78 x 10 <sup>6</sup>	70	2600	4000	60	1.453	0.125	0.00650	W15	
○ R3968FC28N	2800	2800	4001	66000	21.78 x 10 <sup>6</sup>	100	2600	4000	60	1.453	0.125	0.00650	W15	
> R4680EA24K	2400	2400	4680	67000	22.40 x 10 <sup>6</sup>	60	3000	1000	60	1.509	0.128	0.00500	W107	
> R4680EA24L	2400	2400	4680	67000	22.40 x 10 <sup>6</sup>	65	3000	1000	60	1.509	0.128	0.00500	W107	
> R4680EA24M	2400	2400	4680	67000	22.40 x 10 <sup>6</sup>	70	3000	1000	60	1.509	0.128	0.00500	W107	
> R4680EA28K	2800	2800	4680	67000	22.40 x 10 <sup>6</sup>	60	3000	1000	60	1.509	0.128	0.00500	W107	
> R4680EA28L	2800	2800	4680	67000	22.40 x 10 <sup>6</sup>	65	3000	1000	60	1.509	0.128	0.00500	W107	
> R4680EA28M	2800	2800	4680	67000	22.40 x 10 <sup>6</sup>	70	3000	1000	60	1.509	0.128	0.00500	W107	
> R5145FA42V	4200	4500	5145	66000	21.78 x 10 <sup>6</sup>	250	12000	4000	60	1.659	0.107	0.00450	W118	
> R5145FA42W	4200	4500	5145	66000	21.78 x 10 <sup>6</sup>	300	12000	4000	60	1.659	0.107	0.00450	W118	
> R5145FA45V	4500	4500	5145	66000	21.78 x 10 <sup>6</sup>	250	12000	4000	60	1.659	0.107	0.00450	W118	
> R5145FA45W	4500	4500	5145	66000	21.78 x 10 <sup>6</sup>	300	12000	4000	60	1.659	0.107	0.00450	W118	
> R5370EA18J	1800	1800	5370	70000	24.5 x 10 <sup>6</sup>	50	3000	1000	60	1.661	0.071	0.00500	W107	
> R5370EA18K	1800	1800	5370	70000	24.5 x 10 <sup>6</sup>	60	3000	1000	60	1.661	0.071	0.00500	W107	
> R5370EA22J	2200	2200	5370	70000	24.5 x 10 <sup>6</sup>	50	3000	1000	60	1.661	0.071	0.00500	W107	
> R5370EA22K	2200	2200	5370	70000	24.5 x 10 <sup>6</sup>	60	3000	1000	60	1.661	0.071	0.00500	W107	

  
**W107** Weight 1.6 kg

  
**W81** Weight 1.2 kg

  
**W46** Weight 1.2 kg