

General Purpose Diodes

Small capacity diodes

Device type	SMD	Maximum rating				Thermal rating T _j and T _{stg} °C	Characteristics(T _a =25°C)		Package	Net mass Grams
		V _{RRM} Volts	V _{R(DC)} Volts	I _{F(AV)} * ¹ Amps.	I _{FSM} * ² Amps.		V _{FM} Max. Volts	I _{RRM} Max. µA		
SC016-2	SMD	200	160	1.0 (T _a =40°C) * ⁴	40	-40 to +150	1.1 (I _F =2.0A)	10	SC	0.06
SC016-4	SMD	400	320							
SC016-6	SMD	600	480							
SC016-8	SMD	800	640							
SC017-2	SMD	200	160	1.0 (T _a =40°C) * ⁴	40	-40 to +150	1.1 (I _F =2.0A)	10	SC	0.06
SC017-4	SMD	400	320							
ERA15-01		100	80	1.0 (T _a =40°C)	40	-40 to +140	1.1 (I _F =2.0A)	10	Lead-1A	0.18
ERA15-02		200	160							
ERA15-04		400	320							
ERA15-06		600	480							
ERA15-08		800	640	1.0 (T _a =25°C)						
ERA15-10		1000	800							
ERA17-02		200	160	1.0 (T _a =40°C) * ⁵	40	-40 to +150	1.1 (I _F =2.0A)	10	Lead-1A	0.18
ERA17-04		400	320							
ERB12-01		100	80	1.0 (T _a =60°C)	60	-40 to +140	1.1 (I _F =2.0A)	10	Lead-3A	0.3
ERB12-02		200	160							
ERB12-04		400	320							
ERB12-06		600	480							
ERB12-10		1000	800	1.0 (T _a =25°C)	40					
ERC04-02		200	160	1.2 (T _a =60°C)	100	-30 to +140	1.1 (I _F =4.0A)	10	Lead-6A	0.5
ERC04-04		400	320							
ERC04-06		600	480							
ERC04-10		1000	800							
ERC05-06		600	480	1.2 (T _a =60°C)	100	-40 to +140	1.0 (I _F =4.0A)	10	Lead-5A	0.5
ERC05-08		800	640							
ERC13-06		600	480	1.2 (T _a =50°C)	90	-40 to +150	1.0 (I _F =4.0A)	10	Lead-2A	0.22
ERC13-08		800	640							
ERC12-06		600	480	1.2 (T _a =60°C)	100	-40 to +140	1.0 (I _F =4.0A)	10	Lead-3A	0.3
ERC12-08		800	640							
ERC04-02F		200	160	1.5 (T _a =40°C)	100	-40 to +140	1.1 (I _F =4.0A)	10	Lead-6A	0.5
ERC04-04F		400	320							
ERC01-02		200	160	1.5 (T _a =60°C)	130	-30 to +140	1.1 (I _F =4.0A)	10	Lead-7	1.2
ERC01-04		400	320							
ERC01-06		600	480							
ERC01-10		1000	800							
ERC01-02F		200	160	1.8 (T _a =40°C)	130	-40 to +140	1.1 (I _F =4.0A)	10	Lead-7	1.2
ERC01-04F		400	320							
ERD03-02		200	160	3.0 (T _a =40°C) * ³	150	-30 to +140	1.1 (I _F =8.0A)	50	Lead-8	2.2
ERD03-04		400	320							

() Conditions

*¹ Resistive load

*² Sine wave, 10ms

*³ Mounting base dimensions: 3cm² and over

*⁴ Mounted to fabric base epoxy resin printed circuits (land 15 X 15mm)

*⁵ Mounted to fabric base epoxy resin printed circuits (land 5 X 5mm, lead length 5mm)