TAYCHIPST

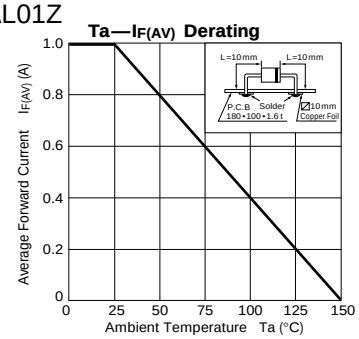
Ultra-Fast-Recovery Rectifier Diodes

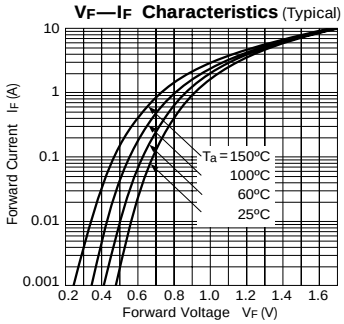
AL01Z/EL 1Z/EL 1

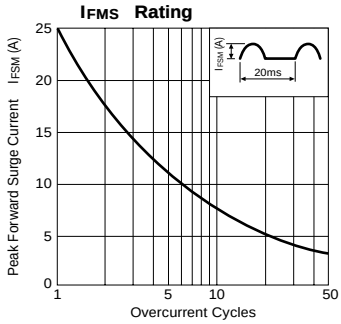
200V-350V 1.0A-1.5A

Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)								Others	
	V_{RM} (V)	$I_{F(AV)}$ (A)	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max	I_F (A)	I_R (μA) $V_R=V_{RM}$ max	I_R (H) (μA) $V_R=V_{RM}$ Ta=100°C max	t_{rr}① (ns)	I_F/I_{RP} (mA)	t_{rr}② (ns)	I_F/I_{RP} (mA)	Rth (j-ℓ) (°C/W)	Mass (g)	Fig.
AL01Z	200	1.0	25	–40 to +150		0.98	1.0	100	500	50	100/100	35	100/200	22.0	0.13	Ⓐ
EL 1Z	200	1.5	20				1.5							17.0	0.3	Ⓑ
EL 1	350					1.30		10	50							

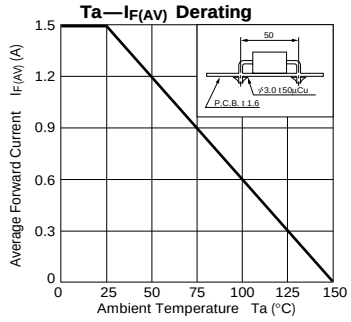
AL01Z

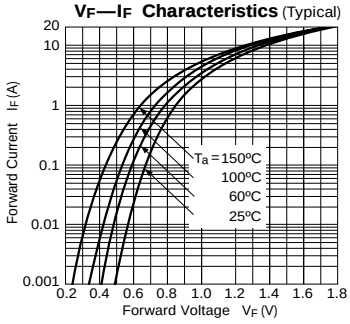


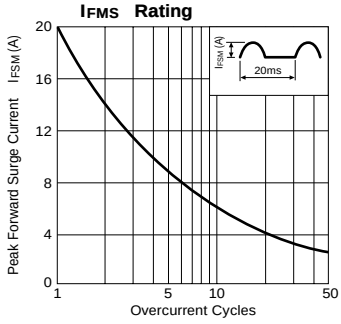




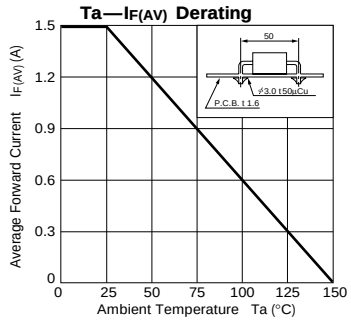
EL 1Z

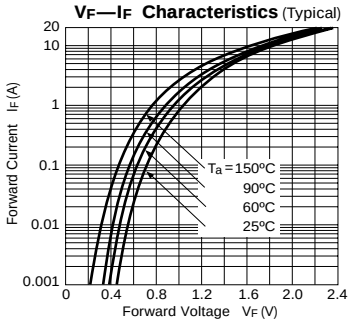


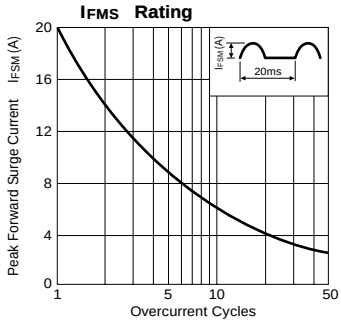




EL 1



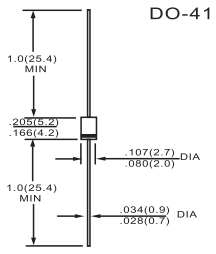




External Dimensions
(Unit: mm)

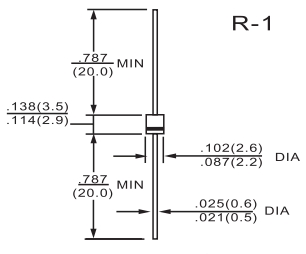
Flammability:
UL94V-0 or Equivalent

Fig.Ⓑ DO-41



Dimensions in inches and (millimeters)

Fig.Ⓐ R-1



Dimensions in inches and (millimeters)