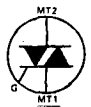


TRIACS



VRRM DC or Peak Volts	IT RMS Max Forward Current (Amps)												
	0.8 A		2.5 A		4 A		8 A			10 A			
50				ECG5601						ECG5612	ECG5622	ECG5631	
100		ECG5640	ECG5650	ECG5602						ECG5613	ECG5623	ECG5632	
200	ECG5655	ECG5641	ECG5651	ECG5603						ECG5614	ECG5624	ECG5633	
400	ECG5656	ECG5642	ECG5652	ECG5605	ECG5629	ECG5608	ECG5638			ECG5616	ECG5626	ECG5635	
600	ECG5657	ECG5643	ECG5653	ECG5607		ECG5609				ECG5618	ECG5628	ECG5637	ECG5645
800						ECG5610		ECG5620					
IGT Min (mA) Quadrants I & III	5.0	25	3.0	30	3.0	10	10	35 Quads I, II, III	50	50	50	50	
IGT Min (mA) Quadrants II & IV	5.0	40	3.0	---	3.0	10	10	70 Quad IV	75	---	50*	75	
VGT Max (V)	2.0	2.2	2.2	2.5	2.0	2.5	2.0	1.5	2.5	2.0	2.5	2.5	
ISurge Max (A)	8.0	25	25	30	40	80	80	60	100	100	100	120	
IHold Min (mA)	20	35	5.0	30	5.0	15	10	20	50	50	50	50	
Von Max (V)	1.5	1.8	2.2	2.0	1.6	1.5	1.6	1.7	1.8	1.8	1.65	1.6	
VGM (V)	±5.0	±5.0	±5.0	±5.0	±5.0	±10	±5.0	±10	±5.0	±5.0	±10	±5.0	
PG Av (W)	.01	.05	.05	.5	.3	.5	.4	.5	.5	.5	.5	.5	
Operating Temperature T _J °C	-40 to +110	-65 to +100	-40 to +90	-40 to +110	-40 to +110	-40 to +110	-40 to +110	-40 to +120	-65 to +100	-40 to +100	-40 to +100	-40 to +110	
Off State dv/dt (Typ) V/μsec	20	100	5	5	10	25	25	100	5	5	50	60	
Operating Quadrants	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,III	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,III	I,II,III	I,II,III,IV	
Fig. No.	Z36	Z61		Z38	Z40	Z41	Z41	Z41D	Z39		Z41	Z41	
Package	TO-92	TO-5		TO-126	TO-202	TO-220	TO-220 Isolated Tab	TO-220J	TO-127		TO-220	TO-220 Isolated Tab	

* 3 Mode device not specified in Quadrant IV

Package Outlines - See Page 1-116