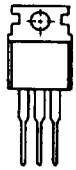

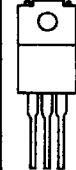





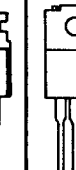






Phase Control - SCR (cont'd)



VDRM	IT Max Forward Current (Amps)												
	IT RMS - All Conduction Angles						IT Ave - Conduction Angle = 180°						
	RMS	10 A		12.5 A	16 A	20 A	25 A		35 A			40 A	
Av.	6.2 A		8 A	10 A	13 A	16 A		22 A			25 A		
50	ECG5461				ECG5501	ECG5521	ECG5550		ECG5541				
100	ECG5462	ECG5491			ECG5502	ECG5522		ECG5542					
200	ECG5463	ECG5492			ECG5504	ECG5514	ECG5524	ECG5552	ECG5543	ECG5517	ECG5562		
400	ECG5465	ECG5494		ECG314	ECG5507	ECG5515	ECG5527	ECG5554	ECG5545	ECG5518	ECG5564		
600	ECG5466	ECG5496			ECG5509	ECG5516	ECG5529	ECG5556	ECG5547	ECG5519	ECG5566	ECG5534A	
800	ECG5468		ECG5440				ECG5531	ECG5558	ECG5460	ECG5548			
IGT Min (mA)	15	15	15	40	25	15	40	40	40	40	40	40	50
VGT Max (V)	1.5	2.0	1.5	2.0	2.5	2.0	2.0	1.5	1.5	1.5	2.0	1.6	2.0
ISurge (A)	100	200	100	200	125	200	150	300	300	325	350	350	440
IHold Min (mA)	20	20	20	50	25	20	50	40	40	50	50	50	75
VGFM (V)	10	10	5	10	10	10	10	10	10	10	10	10	10
VGRM (V)	5.0	10	5	5.0	5.0	5.0	5.0	10	10	10	10	10	10
VF on Max (V)	1.8	2.5	1.8	1.8	2.5	2.4	2.0	1.8	1.8	1.5	1.8	1.4	1.8
PG Av (W)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
Operating Temp. Tj°C	-40 to +100		-40 to +110	-40 to +100	-65 to +125	-40 to +100	-65 to +125	-40 to +125		-40 to +100			-40 to +125
dv/dt (Typ) V/μsec	100	30	50	100	30	50	30	50	100	50			500
Fig. No.	Z41	Z49	Z41D	Z43	Z49	Z46	Z49	Z41	Z41D	Z49	Z46	Z50	Z45A
Package	TO-220	TO-48	TO-220J	TO-3	TO-48	1/2" Press Fit	TO-48	TO-220	TO-220J	TO-48	1/2" Press Fit	Isolated Stud	TO-3 Flange Isolated
													

Package Outlines - See Page 1-129

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