

TV Power Supply Switching - SCR

ECG Type	Description/ Application	VDRM (Volts)	ITRMS (Amps)	ISurge (Amps)	IGT (mA)	VGT (Volts)	IHold (mA)	Turn-Off Time T _Q (μsec)	Package	
									Case	Fig. No.
ECG5424	SCR, Hi Speed Sw, Power Supply Control Regulator	400	4.7	55	20	3	135	4.0	TO-220	Z41
ECG5425	SCR, Hi Speed Power Supply Control	525	5	80	40	2.7	20	2.5	TO-66	Z42

Integrated Thyristor/Rectifiers (ITR)

ECG Type	Description/ Application	VDRM (Volts)	ITRMS (Amps)	ISurge (Amps)	IGT (mA)	VGT (Volts)	IHold (mA)	Turn-Off Time T _Q (μsec)	Package	
									Case	Fig. No.
ECG308	TV Horizontal Deflection Commutating Switch	800	5	70	50	3.5	100	5.5	TO-66	Z42
ECG308P	TV Horizontal Deflection Commutating Switch	750	8	80	45	4.0	---	4.2	TO-220	Z41
ECG310	TV Horizontal Deflection Trace Switch	800	5	70	50	3.5	100	3.0	TO-66	Z42
ECG310P	TV Horizontal Deflection Trace Switch	750	8	80	45	4.0	---	2.4	TO-220	Z41



SCR Outlines

Fig. Z35 TO-5M

ANODE (TIED TO CASE)
CATHODE
GATE

Fig. Z36 TO-92

PIN
1. CATHODE (K)
2. GATE (G)
3. ANODE (A)

Fig. Z37 SC-51

PIN
1. GATE (G)
2. ANODE (A)
3. CATHODE (K)

Fig. Z38 TO-128

HEAT SINK CONTACT AREA (BOTTOM)

PIN 1. CATHODE (K)
2. ANODE (A) - HEAT SINK AREA
3. GATE (G)

Fig. Z39 TO-127

HEAT SINK CONTACT AREA (BOTTOM)

PIN 1. CATHODE (K)
2. ANODE (A) - HEAT SINK AREA
3. GATE (G)

Fig. Z40 TO-202

TAB DIRECTLY CONNECTED TO CENTER LEAD (ANODE) INTERNALLY

PIN 1. CATHODE
2. ANODE
3. GATE LEAD ADJACENT TO CHAMBER

Fig. Z40A TO-218

TAB ELECTRICALLY COMMON TO ANODE EXCEPT FOR ISO TYPES

Fig. Z41

ECG	1	2	3	TAB
308P	G	A	K	A
310P	G	A	K	A
5417	K	A	G	iso
5418	K	A	G	iso
5419	K	A	G	iso
5424	K	A	G	A
5426	K	A	G	iso
5437	K	A	G	A
5438	K	A	G	A
5461	K	A	G	A
5462	K	A	G	A
5463	K	A	G	A
5465	K	A	G	A
5466	K	A	G	A
5468	K	A	G	A
5560	K	A	G	A
5562	K	A	G	A
5564	K	A	G	A
5566	K	A	G	A
5568	K	A	G	A

TO-220

TAB ELECTRICALLY COMMON TO PIN 2 EXCEPT FOR ISOLATED TYPES

CATHODE (K)
ANODE (A)
GATE (G)

6653928 0009229 562