

Triacs

Metal/Plastic

1.0 to 45 Amperes

200 to 800 Volts

I_T (AMPS)	1.0		4.0
@ T_C (°C)	50	50	80
I_{TSM} (AMPS)	20	20	35
CASE	TO-92		TO-39
V_{RRM} (VOLTS)			
200	CQ92B	CQ92BT	CQ39BT
400	CQ92D	CQ92DT	CQ39DT
600	CQ92M	CQ92MT	CQ39MT
800			



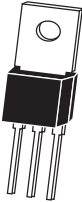
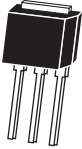
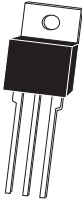
$I_{GT\ QI}$	5.0mA	3.0mA	3.0mA
$I_{GT\ QII}$	5.0mA	3.0mA	3.0mA
$I_{GT\ QIII}$	5.0mA	3.0mA	3.0mA
$I_{GT\ QIV}$	5.0mA	3.0mA	3.0mA
$V_{GT\ QI-QIV}$	2.0V	2.0V	2.0V
I_H	5.0mA	3.0mA	3.0mA

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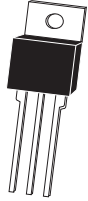
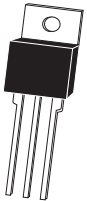
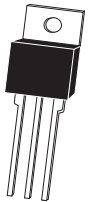
I_T (AMPS)	4.0				6.0
@ T_C (°C)	80	80	80	80	90
I_{TSM} (AMPS)	40	40	40	40	60
CASE	 TO-202		 TO-202-2		 TO-220
V_{RRM} (VOLTS)					
200	CQ202-4B	CQ202-4BS	CQ202-4B-2	CQ202-4BS-2	CQ220-6BS
400	CQ202-4D	CQ202-4DS	CQ202-4D-2	CQ202-4DS-2	CQ220-6DS
600	CQ202-4M	CQ202-4MS	CQ202-4M-2	CQ202-4MS-2	CQ220-6MS
800	CQ202-4N	CQ202-4NS	CQ202-4N-2	CQ202-4NS-2	CQ220-6NS

$I_{GT\ QI}$	25mA	5.0mA	25mA	5.0mA	5.0mA
$I_{GT\ QII}$	25mA	5.0mA	25mA	5.0mA	5.0mA
$I_{GT\ QIII}$	25mA	5.0mA	25mA	5.0mA	5.0mA
$I_{GT\ QIV}$	25mA	5.0mA	25mA	5.0mA	10mA
$V_{GT\ QI-QIV}$	2.0V	2.0V	2.0V	2.0V	1.5V
I_H	25mA	5.0mA	25mA	5.0mA	15mA

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I_T (AMPS)	6.0	8.0			
@ T_C (°C)	90	90	90	90	90
I_{TSM} (AMPS)	60	80	80	80	80
CASE					
	TO-220 ISOL ISOLATED	TO-220		TO-220 ISOL ISOLATED	
V_{RRM} (VOLTS)					
200	CQ220I-6BS*	CQ220-8B	CQ220-8BR	CQ220I-8B	CQ220I-8BR*
400	CQ220I-6DS*	CQ220-8D	CQ220-8DR	CQ220I-8D	CQ220I-8DR*
600	CQ220I-6MS*	CQ220-8M	CQ220-8MR	CQ220I-8M	CQ220I-8MR*
800	CQ220I-6NS*	CQ220-8N	CQ220-8NR	CQ220I-8N	CQ220I-8NR*

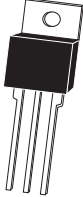
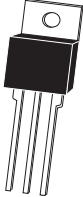
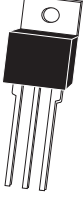
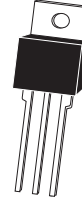

$I_{GT\ QI}$	5.0mA	25mA	10mA	25mA	10mA
$I_{GT\ QII}$	5.0mA	25mA	10mA	25mA	10mA
$I_{GT\ QIII}$	5.0mA	25mA	10mA	25mA	10mA
$I_{GT\ QIV}$	10mA	50mA	25mA	50mA	25mA
$V_{GT\ QI-QIV}$	1.5V	1.5V	1.5V	1.5V	1.5V
I_H	15mA	25mA	25mA	25mA	25mA

* Not recommended for new designs.

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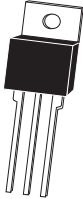
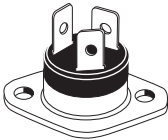
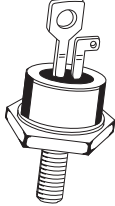
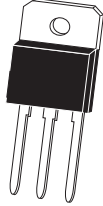
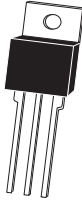
Triacs

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I_T (AMPS)	10		12		16
@ T_C (°C)	90	90	90	90	90
I_{TSM} (AMPS)	100	100	125	125	170
CASE					
	TO-220	TO-220 ISOL	TO-220	TO-220 ISOL	TO-220
V_{RRM} (VOLTS)		ISOLATED		ISOLATED	
200	CQ220-10B	CQ220I-10B	CQ220-12B	CQ220I-12B	CQ220-16B
400	CQ220-10D	CQ220I-10D	CQ220-12D	CQ220I-12D	CQ220-16D
600	CQ220-10M	CQ220I-10M	CQ220-12M	CQ220I-12M	CQ220-16M
800	CQ220-10N	CQ220I-10N	CQ220-12N	CQ220I-12N	CQ220-16N

$I_{GT\ QI}$	25mA	25mA	25mA	25mA	50mA
$I_{GT\ QII}$	25mA	25mA	25mA	25mA	50mA
$I_{GT\ QIII}$	25mA	25mA	25mA	25mA	50mA
$I_{GT\ QIV}$	50mA	50mA	50mA	50mA	100mA
$V_{GT\ QI-QIV}$	1.5V	1.5V	1.5V	1.5V	1.5V
I_H	25mA	25mA	25mA	25mA	50mA

Triacs (Continued)

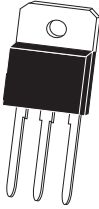
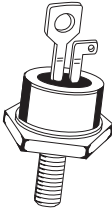
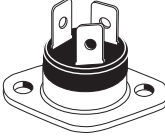
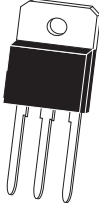
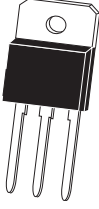
I_T (AMPS)	16	25			
@ T_C (°C)	90	90	90	90	90
I_{TSM} (AMPS)	170	250	250	250	210
CASE					
	TO-220 ISOL ISOLATED	TO-3P ISOLATED	TO-48	TO-218 ISOL ISOLATED	TO-220
V_{RRM} (VOLTS)					
200	CQ220I-16B	CQ3P-25B	CQ48-25B*	CQ218I-25B	CQ220-25B
400	CQ220I-16D	CQ3P-25D	CQ48-25D*	CQ218I-25D	CQ220-25D
600	CQ220I-16M	CQ3P-25M	CQ48-25M*	CQ218I-25M	CQ220-25M
800	CQ220I-16N	CQ3P-25N	CQ48-25N*	CQ218I-25N	CQ220-25N
$I_{GT\ QI}$	50mA	50mA	100mA	50mA	50mA
$I_{GT\ QII}$	50mA	50mA	100mA	50mA	50mA
$I_{GT\ QIII}$	50mA	50mA	100mA	50mA	50mA
$I_{GT\ QIV}$	100mA	100mA	150mA	100mA	100mA
$V_{GT\ QI-QIV}$	1.5V	1.5V	1.5V	1.5V	1.5V
I_H	50mA	80mA	100mA	80mA	50mA

* Not recommended for new designs.

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(Continued)

I_T (AMPS)	30	35	40		45
@ T_C (°C)	90	90	90	90	90
I_{TSM} (AMPS)	250	300	300	300	300
CASE					
	TO-218	TO-48	TO-3P ISOLATED	TO-218 ISOL ISOLATED	TO-218
V_{RRM} (VOLTS)					
200	CQ218-30B*	CQ48-35B*	CQ3P-40B	CQ218I-40B	CQ218-45B
400	CQ218-30D*	CQ48-35D*	CQ3P-40D	CQ218I-40D	CQ218-45D
600	CQ218-30M*	CQ48-35M*	CQ3P-40M	CQ218I-40M	CQ218-45M
800	CQ218-30N*	CQ48-35N*	CQ3P-40N	CQ218I-40N	CQ218-45N

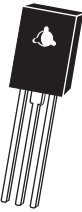
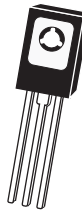
$I_{GT\ QI}$	50mA	100mA	50mA	50mA	50mA
$I_{GT\ QII}$	50mA	100mA	50mA	50mA	50mA
$I_{GT\ QIII}$	50mA	100mA	50mA	50mA	50mA
$I_{GT\ QIV}$	100mA	150mA	100mA	100mA	100mA
$V_{GT\ QI-QIV}$	1.5V	1.5V	1.5V	1.5V	1.5V
I_H	80mA	100mA	80mA	80mA	80mA

* Not recommended for new designs.

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I_T (AMPS)	4.0		
@ T_C (°C)	85		
I_{TSM} (AMPS)	30		
CASE	  <p style="text-align: center;">TO-126 Top</p> <p style="text-align: center;">TO-126 Bottom</p>		
V_{RRM} (VOLTS)			
200	2N6071	2N6071A	2N6071B
400	2N6073	2N6073A	2N6073B
600	2N6075	2N6075A	2N6075B
I_{GT} QI	30mA	5.0mA	3.0mA
I_{GT} QII	-	5.0mA	3.0mA
I_{GT} QIII	30mA	5.0mA	3.0mA
I_{GT} QIV	-	10mA	5.0mA
V_{GT} QI-QIV	2.0V	2.0V	2.0V
I_H	30mA	15mA	15mA