

Note 1: Provided with 4-Way terminals (Quick-connect, wrap-around, solder, or P.C. board mount)

### SINGLE PHASE BRIDGE RECTIFIERS

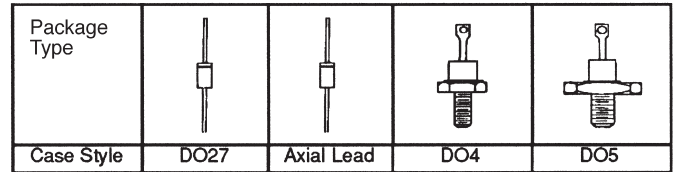
Cat. No.	I <sub>FSM</sub> (Amp)	V <sub>F@I<sub>F</sub></sub>	Max T <sub>A@I<sub>F</sub></sub> (°C)	P <sub>RV</sub>	Net Price
<b>1A</b>					
NTE5332	25	1.2V@1A	+40	600	\$2.40
<b>1.5A</b>					
NTE5304	50	1V@1A	+30	400	2.02
<b>2A</b>					
NTE168	60	1V@1A	+55	400	2.99
NTE169				600	3.24
NTE170				1000	5.06
<b>4A</b>					
NTE5309	200	1V@3A	+50	200	3.44
<b>8A</b>					
NTE5313	200	1.1V@4A	+55	200	5.41
NTE5315				600	6.31
<b>25A</b>					
NTE5322	300	1.2V@12.5A	+55	200	7.38
NTE5324				400	10.24
NTE5326				600	10.89
<b>40A</b>					
NTE5340	300	1.2V@20A	+55	200	12.91
NTE5342				600	16.20
NTE5344				1000	19.10

I<sub>F</sub> Averaged Rectified Forward Current  
Maximum Average Rectified Current  
@ Half-wave Resistive Load 60Hz

**MOVING? CHANGING JOBS?  
PLEASE LET US KNOW TO KEEP OUR RECORDS  
UP TO DATE AND KEEP YOU INFORMED.**



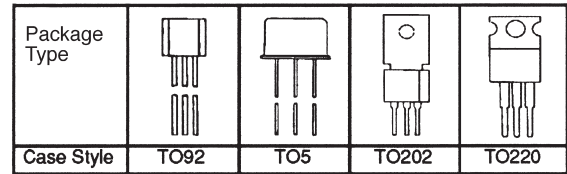
Part's indicated with a leaf are considered RoHS July 2006 compliant based on the manufacturer's confirmation at the time of publishing. For additional information please contact Electro Sonic.



### SILICON INDUSTRIAL RECTIFIERS

Cat. No.	I <sub>FSM</sub>	V <sub>F@I<sub>F</sub></sub>	Max T <sub>C@I<sub>F</sub></sub> (°C)	Mounting Torque in • lb (m • N)	Thread Size	Case Style	P <sub>RV</sub> Volts	Net Price
<b>3A</b>								
NTE5800	200A	1.2V Max 0.9V Typ	+105 (T <sub>L</sub> )	—	—	DO27	50	\$5.2
NTE5801							100	.72
NTE5802							200	.85
NTE5804							400	1.20
NTE5806							600	1.45
NTE5809	1000	2.10						
<b>6A</b>								
NTE5812	400A	0.9V Max 0.8V Typ	+60	—	—	Axial Lead	100	1.95
NTE5814							400	2.29
NTE5815							600	3.57
NTE5817	1000	4.59						
<b>12A</b>								
NTE5870	250A	1.2V Max 1V Typ	+150	20 (2.22)	10-32 NF-2A	DO4	50	5.01
NTE5874							200	5.13
<b>40A</b>								
NTE5980	500A	1.2V Max 1V Typ	+150	30 (3.33)	1/4-28 UNF-2A	DO5	50	6.31
NTE5986							200	9.52
NTE5994							600	14.09

Maximum Average Rectified Forward Current I<sub>F</sub> in Amperes



### SILICON CONTROLLED RECTIFIERS FOR PHASE CONTROL (SCR)

Cat. No.	DC or Pk Volts V <sub>GRM</sub>	I <sub>GT</sub> Max*	V <sub>GT</sub> Max (V)	I <sub>Hold</sub> Max (mA)	V <sub>F</sub> (on) (V)	I <sub>Surge</sub> (A)	V <sub>GF<sub>M</sub></sub> (V)	V <sub>GRM</sub> (V)	Case Style	Net Price
<b>0.8A SENSITIVE GATE</b>										
NTE5400	30	200µA#	0.8	5	1.7	20	8	8	TO92	\$1.15
NTE5401	60									1.45
NTE5402	100									1.49
NTE5404	200									1.65
NTE5405	400									3.11
<b>3A SENSITIVE GATE</b>										
NTE5408	200	1mA#	1.0	10	1.2	40	6	6	TO5	7.90
<b>4A SENSITIVE GATE</b>										
NTE5452	30	200µA#	1.5	3	2.2	20	6	6	TO202	1.29
NTE5454	100									1.85
NTE5455	200									1.80
NTE5457	400									2.62
<b>10A</b>										
NTE5465	400	15mA	1.5	20	2.0	100	6	6	TO220	4.23
NTE5466	600									8.85

I<sub>T(RMS)</sub> Maximum Forward Current Amps (All Conducting Angles)

# Connect a 1KΩ resistor between the gate of cathode

\* I<sub>GT</sub> (max) is the maximum gate current required to switch a thyristor to the on state. This value is positive for P-Gate and negative for N-Gate thyristors.