

VOLTAGE REGULATORS

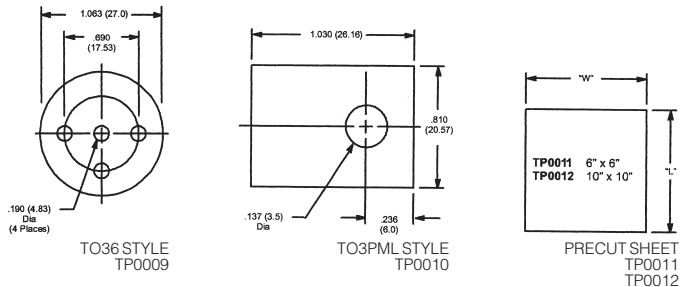
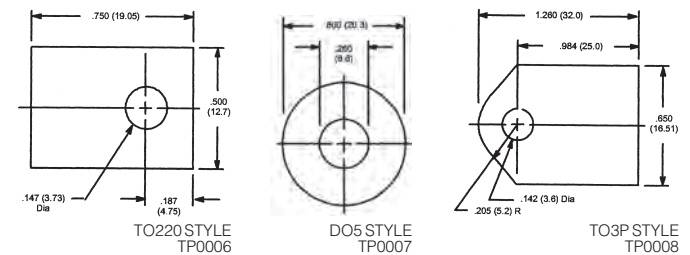
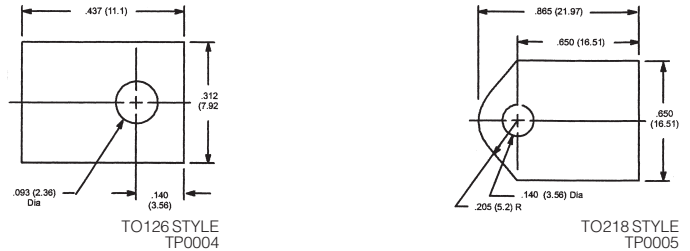
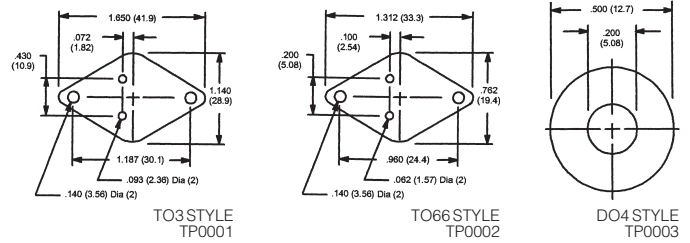
Cat. No.	Regulated Voltage Out (Volts) V_{OUT}	Case Style	Voltage In (Volts) V_{IN}		Output Current (Amps) I_o	Power Dissipation (Watts) P_D	Net Price
			Min	Max			
POSITIVE, 3 TERMINAL ($\pm 5\%$)							
NTE960	5V	TO220	7	35	1	15	\$2.54
NTE977	5V	TO92	7	30	0.1	1	2.10
NTE962	6V	TO220	8	35	1	15	2.27
NTE964	8V	TO220	10.5	35	1	15	2.84
NTE950	12V	TO92	14.5	35	0.1	1	2.72
NTE966	12V	TO220	14.8	35	1	15	2.54
NTE968	15V	TO220	17.5	35	1	15	2.54
NTE972	24V	TO220	27	40	1	15	2.54
POSITIVE ADJUSTABLE							
NTE935	1.2V to 32V	TO3	3	35	5	50	24.16
NTE970	1.2V to 32V	TO3	3	35	3	50	18.50
NTE956	1.2V to 33V	TO220	3	40	1.5	15	3.41
NEGATIVE ADJUSTABLE							
NTE961	-5V	TO220	-7	-35	1	15	2.54
NTE967	-12V	TO220	-14.5	-35	1	15	2.54
NTE969	-15V	TO220	-17.5	-35	1	15	2.54
PRECISION, POSITIVE OR NEGATIVE SUPPLY (0.01% LINE AND LOAD REGULATION)							
NTE923	$\pm 2V$ to $\pm 37V$	10-Lead Metal Can	9.5	40	0.15	0.8	7.77
NTE923D	$\pm 2V$ to $\pm 37V$	14-Lead DIP	9.5	40	0.15	1	2.32

INTEGRATED CIRCUITS, LINEAR

Cat. No.	Package Type	Description	Net Price
NTE987	14-Lead DIP	Quad OP Amplifier	\$3.27
NTE1289	12-Lead DIP	TV Vertical Deflection System	19.14
NTE1561	9-Lead SIP	5-LED VU Level Meter	6.00
NTE1674	9-Lead SIP	TV Vertical Deflection Output Circuit	5.86
NTE1690	16-Lead DIP	CMOS, Telephone Dual Tone Multi-Frequency Dialer (DTMF)	7.78
NTE1720	16-Lead DIP	Pulse Width Modulator (PWM) Regulator	5.81
NTE1729	16-Lead DIP	Pulse Width Modulator (PWM) Control Circuit	6.63
NTE1773	7-Lead SIP	Color TV Vertical Deflection Output Circuit	4.58

INTEGRATED CIRCUITS, TTL

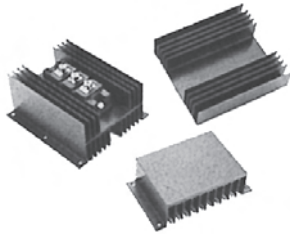
Cat. No.	Package Type	Description	Net Price
NTE7400	14-Lead DIP	Quad 2-Input Positive NAND Gate	\$2.12
NTE7402	14-Lead DIP	Quad 2-Input Positive NOR Gate	2.42
NTE7404	14-Lead DIP	Hex Inverter	1.77
NTE7406	14-Lead DIP	Hex Inverter Buffer/Driver w/ Open Collector High Voltage Outputs	2.09
NTE7407	14-Lead DIP	Hex Buffer Driver w/ Open Collector High Voltage Outputs	1.99
NTE7408	14-Lead DIP	Quad 2-Input Positive AND Gate	2.59
NTE7420	14-Lead DIP	Dual 4-Input NAND Gate	1.42
NTE7432	14-Lead DIP	Quad 2-Input OR Gate	2.59
NTE7473	14-Lead DIP	Dual J-K Flip-Flop w/ Clear	4.66
NTE7474	14-Lead DIP	Dual D-Type Positive Edge Triggered Flip-Flop w/ Preset and Clear	1.32
NTE7476	16-Lead DIP	Dual J-K Flip-Flop w/ Preset and Clear	3.54
NTE7490	14-Lead DIP	Decade Counter Divide by 2 & 5	3.39
NTE74C00	14-Lead DIP	Quad 2-Input Positive NAND Gate	3.01



NTE THERMAL PADS AND THERMAL COMPOUND

These thermally conductive insulators offer low heat transfer resistance while still providing high electrical isolation between the parts of the assembly. The elastomeric material combines the electrical isolation of rigid insulators with the ability to conform to rough surfaces and reduce contact resistance. Proper selection and use of these THERMO-PADS results in a securely-mounted power semiconductor and minimum resistance to the heat transfer between it and the heat sink.

Cat. No.	Description	Net Price
HEAT SINK COMPOUND		
NTE303	1 Gram Tube of Thermal Grease (5 Tubes/pkg)	\$2.47
THERMO PADS		
TP0001	TO3 Style (5/pkg)	3.14
TP0002	TO66 Style (5/pkg)	2.64
TP0003	DO4 Style (5/pkg)	1.89
TP0004	TO126 Style (5/pkg)	1.79
TP0005	TIP/TO218 Style (5/pkg)	2.37
TP0006	TO220 Style (5/pkg)	2.30
TP0007	DO5 Style (5/pkg)	2.30
TP0008	TO3P Style (5/pkg)	2.92
TP0010	TO3PML Style (5/pkg)	4.59
INSULATOR KITS (EACH KIT INCLUDES MICA INSULATOR AND NYLON BUSHINGS)		
NTE413	Insulator kit for TO3 type pkg (2/pkg)	2.67
NTE422	Insulator kit for type pkg (2/pkg)	2.30
NTE438	Insulator kit for DO4/TO64 type pkg	.90
NTE439	Insulator kit for DO5/TO48 type pkg	.95



394, 395, 396 SERIES PERFORMANCE, LOW PROFILE HEAT SINKS FOR POWER MODULES

Cat. No.	Overall Dimensions: in. (mm)			Device Base Mounting Area (mm)
	Length	Height	Width	
394-1AB	3.000 (76.2)	1.500 (38.1)	5.000 (127.0)	101 x 76
394-2AB	5.500 (139.7)	1.500 (38.1)	5.000 (127.0)	101 x 139
395-1AB	3.000 (76.2)	2.500 (63.5)	5.000 (127.0)	50 x 76
395-2AB	5.500 (139.7)	2.500 (63.5)	5.000 (127.0)	50 x 139
396-1AB	3.000 (76.2)	1.380 (35.1)	5.000 (127.0)	50 x 76
396-2AB	5.500 (139.7)	1.380 (35.1)	5.000 (127.0)	50 x 139

Cat. No.	Base Mounting Holes	Thermal Resistance at Typical Load		Net Price
		Natural Convection (θ_{SA}) ¹ (°C/W)	Forced Convection (θ_{SA}) (°C/W@500LFM)	
394-1AB	4	1.85	0.90	\$24.85
394-2AB	6	1.51	0.60	31.71
395-1AB	4	1.10	0.50	25.03
395-2AB	6	0.90	0.32	33.96
396-1AB	4	1.85	1.07	22.29
396-2AB	6	1.51	0.64	28.97

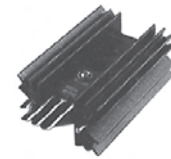
Note: ¹Thermal resistance values shown are for black anodized finish at 50°C rise above ambient.



WAKEFIELD 510 & 511 SERIES HIGH FIN DENSITY HEAT SINKS

The 510 and 511 series are unique extrusions which provide maximum cooling efficiency per unit volume. The broad flat base is ideally suited for cooling multiple power-generating components.

Cat. No.	Width	Height	Length	Net Price
510 SERIES (UNFINISHED ALUMINUM FINISH, UNMACHINED BASE)				
5103U	7.4"	3.136"	3"	\$27.01
5106U	7.4"	3.136"	6"	46.36
5109U	7.4"	3.136"	9"	66.21
51012U	7.4"	3.136"	12"	85.87
510 SERIES (UNFINISHED ALUMINUM FINISH, MACHINED BASE)				
5103M	7.4"	3.076"	3"	50.56
5106M	7.4"	3.076"	6"	72.95
5109M	7.4"	3.076"	9"	94.79
51012M	7.4"	3.076"	12"	115.96
511 SERIES (UNFINISHED ALUMINUM FINISH, UNMACHINED BASE)				
5113U	5.3"	2.335"	3"	17.95
5116U	5.3"	2.335"	6"	30.11
5119U	5.3"	2.335"	9"	72.11
51112U	5.3"	2.335"	12"	84.98
511 SERIES (UNFINISHED ALUMINUM FINISH, MACHINED BASE)				
5113M	5.3"	2.305"	3"	41.50
5116M	5.3"	2.305"	6"	56.70
5119M	5.3"	2.305"	9"	71.56
51112M	5.3"	2.305"	12"	84.24



657 SERIES HIGH-PERFORMANCE NOTCHED HEAT SINKS FOR VERTICAL BOARD MOUNTING

Cat. No.	Height Above PC Board	Thermal Performance at Typical Load		Net Price
		Natural Convection	Forced Convection	
657-10ABPN	1.000 in. (25.4)	41°C@6W	3.7°C/W@200LFM	\$1.99
657-15ABPN	1.500 in. (38.1)	38°C@6W	3.3°C/W@200LFM	2.06
657-20ABPN	2.000 in. (50.8)	32°C@6W	2.9°C/W@200LFM	2.42
657-25ABPN	2.500 in. (63.5)	25°C@6W	2.7°C/W@200LFM	2.55



WAKEFIELD 120 THERMAL JOINT COMPOUND

WAKEFIELD 120 THERMAL JOINT COMPOUND

Cat. No.	Container Size	Net Price
120-2	2 oz. jar	\$8.11
120-5	5 oz. tube	15.41
120-8	8 oz. jar	22.24
120-80	5 lb. can	134.09

WAKEFIELD 126 THERMAL JOINT COMPOUND

Cat. No.	Size	Net Price
126-2	2 oz. jar	\$12.82
126-4	4 oz. tube	19.59



WAKEFIELD DELTA BOND 152

WAKEFIELD DELTA 150 EPOXY SYSTEMS

Cat. No.	Contents	Net Price
152-1-A	1 oz BiPack Resin and Hardener "A"	\$21.67
152-K-A	7 oz Resin, .5 oz Hardener "A"	88.58
152-Q	1 quart Adhesive Resin only	111.99