

FUSES

3 AG (AGC) FUSES



STANDARD FUSES 1/4" X 1 1/4"

| AMP | CAT# | PACK OF 5 | 100 |
|-----|--------|-----------|---------|
| 1/4 | FS-025 | 1.00 | \$15.00 |
| 1/2 | FS-0.5 | 1.00 | \$15.00 |
| 1 | FS-1 | .75 | \$12.00 |
| 1.5 | FS-1.5 | .75 | \$12.00 |
| 2 | FS-2 | .75 | \$12.00 |
| 2.5 | FS-2.5 | .75 | \$12.00 |
| 3 | FS-3 | .75 | \$12.00 |
| 4 | FS-4 | .75 | \$12.00 |
| 5 | FS-5 | .75 | \$12.00 |
| 6 | FS-6 | .75 | \$12.00 |
| 8 | FS-8 | .75 | \$12.00 |
| 10 | FS-10 | .75 | \$12.00 |
| 15 | FS-15 | .75 | \$12.00 |
| 20 | FS-20 | .75 | \$12.00 |
| 25 | FS-25 | .75 | \$12.00 |
| 30 | FS-30 | .75 | \$12.00 |

SLOW BLOW 3 AG (MDL) FUSES

1/4" X 1 1/4" SLOW BLOW FUSES 

| AMP | CAT# | PACK OF 5 | 100 |
|-----|----------|-----------|---------|
| 0.5 | FSSB-0.5 | 1.75 | \$30.00 |
| 1 | FSSB-1 | 1.75 | \$30.00 |
| 1.5 | FSSB-1.5 | 1.75 | \$30.00 |
| 2 | FSSB-2 | 1.75 | \$30.00 |
| 2.5 | FSSB-2.5 | 1.75 | \$30.00 |
| 3 | FSSB-3 | 1.75 | \$30.00 |
| 4 | FSSB-4 | 1.75 | \$30.00 |
| 5 | FSSB-5 | 1.75 | \$30.00 |
| 6 | FSSB-6 | 1.75 | \$30.00 |

GMA SIZE FUSES



MINIATURE FUSES 3/16" X 3/4"

| AMP | CAT# | PACK OF 5 | 100 |
|-----|---------|-----------|---------|
| 1/2 | GMA-05 | 1.00 | \$15.00 |
| 1 | GMA-1 | .75 | \$12.00 |
| 1.5 | GMA-1.5 | .75 | \$12.00 |
| 2 | GMA-2 | .75 | \$12.00 |
| 3 | GMA-3 | .75 | \$12.00 |
| 4 | GMA-4 | .75 | \$12.00 |
| 5 | GMA-5 | .75 | \$12.00 |
| 6 | GMA-6 | .75 | \$12.00 |
| 7 | GMA-7 | .75 | \$12.00 |
| 8 | GMA-8 | .75 | \$12.00 |
| 10 | GMA-10 | .75 | \$12.00 |
| 12 | GMA-12 | .75 | \$12.00 |
| 15 | GMA-15 | .75 | \$12.00 |
| 20 | GMA-20 | .75 | \$12.00 |


MINI ATC BLADE FUSES



11mm wide

| AMP | COLOR | CAT# | 4 PCS | 100 |
|-----|--------|----------|--------|---------|
| 2 | GREY | MATC-2 | \$1.20 | \$22.00 |
| 3 | PURPLE | MATC-3 | \$1.20 | \$22.00 |
| 4 | PINK | MATC-4 | \$1.20 | \$22.00 |
| 5 | AMBER | MATC-5 | \$1.20 | \$22.00 |
| 7.5 | VIOLET | MATC-7.5 | \$1.20 | \$22.00 |
| 10 | RED | MATC-10 | \$1.20 | \$22.00 |
| 15 | TEAL | MATC-15 | \$1.20 | \$22.00 |
| 20 | YELLOW | MATC-20 | \$1.20 | \$22.00 |
| 25 | CLEAR | MATC-25 | \$1.20 | \$22.00 |
| 30 | GREEN | MATC-30 | \$1.20 | \$22.00 |

4A PIGTAIL CERAMIC FUSE

Littelfuse 
 #T4AH250VP 0215004.XEP. 5mm x 20mm,
 time-lag, ceramic fuse. 4A 250V. 40mm leads.
CAT# PTF-4 2 for \$1.00

8 AG FUSE, 6 AMP



1/4" X 0.9" **CAT# 8AG-6** 3 for \$1.00

ATC AUTOMOTIVE BLADE FUSES

19mm wide. Fits fuseholder FHP-25.
 Four piece minimum per item.



| AMP | COLOR | CAT# | 4 PCS | 100 |
|-----|--------|--------|--------|---------|
| 3 | VIOLET | FSA-3 | \$1.20 | \$22.00 |
| 5 | TAN | FSA-5 | \$1.20 | \$22.00 |
| 10 | RED | FSA-10 | \$1.20 | \$22.00 |
| 15 | TEAL | FSA-15 | \$1.20 | \$22.00 |
| 20 | YELLOW | FSA-20 | \$1.20 | \$22.00 |
| 25 | CLEAR | FSA-25 | \$1.20 | \$22.00 |
| 30 | GREEN | FSA-30 | \$1.20 | \$22.00 |

AGU (5AG) FUSES AND HOLDERS

1.5" long x 0.41" diameter. Gold-plated
 fuses for high current applications.
 Sold in packages of 5 pieces. 32 Volt max.



30 Amp **CAT# AGU-30** \$2.95 per package
 40 Amp **CAT# AGU-40** \$2.95 per package
 50 Amp **CAT# AGU-50** \$2.95 per package
 60 Amp **CAT# AGU-60** \$2.95 per package

IN-LINE AGU FUSE HOLDERS

Waterproof, clear plastic holders with
 pressure fittings at each end for
 AWG 4-10 wire. Interior O-rings
 provide moisture protection.



Bulkhead mount. **CAT # FHP-79**
 \$3.95 each • 10 for \$3.65 each

FUSE HOLDERS

AGC (3AG) FUSE HOLDERS (for fuses 1/4" X 1 1/4")

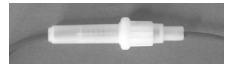
PANEL MOUNT

Screw style cap. Holder fits
 3 AG (AGC) or MDL fuses.
 Chassis mounting hole 0.59" (15mm) diameter.



CAT# FHPM-31 90¢ each
 10 for 85¢ each • 100 for 75¢ each

IN-LINE AGC (3AG) FUSE HOLDER



For AGC (3AG) fuses.
 Red wire. Fuse not included.
CAT# FHP-2 85¢ each • 10 for 75¢ each

GMA FUSE HOLDERS (for fuses 3/16" x 3/4")

Alco GMA panel mount fuse
 holder. Screw cap. Solder-lug
 terminals. Rated 10 Amps 250 Vac.



CAT# FHPM-45 75¢ each
 10 for 70¢ each • 100 for 65¢ each

IN-LINE GMA FUSE HOLDER W/ FUSE

Red 22 ga wire.
 32" overall length.
 Includes F1L250V fuse.



CAT# FHP-49 85¢ each • 100 for 65¢ each

ATC BLADE FUSE HOLDERS

Red 14 AWG wire
 with cover.

CAT# FHP-25
 \$1.50 each



ALARM SWITCHES

STANDARD MAGNETIC PROXIMITY SWITCH

For closed loop alarm systems. Switch is closed when magnet is near. Cover hides screw terminals. Off-white switch and magnet. UL.

CAT# MS-14 \$4.25 each • 10 for \$40.50



SPDT

Can be used on normally open or normally closed loop systems. Switch measures 2" long X 3/8".

CAT# MS-7 \$4.50 each
10 for \$4.25 each



PRESS-FIT MAGNET SWITCH

Press-fit into 3/8" hole. Ideal for windows and doors. For normally closed systems. 0.75" operating gap. U.L. listed.

CAT# MS-11 \$3.00 per set
10 sets for \$28.50

KEYPADS

12 BUTTON KEYPAD

12 button matrix-encoded keypad. Tactile buttons. Black housing, 2.7" x 2" x 0.21". White buttons with black numerals. Contacts rated 30 mA @ 12 Vdc. Mounts from top. Four stabilizing pins on 1.7" X 2.4" centers. 7-pin header, 0.1" centers.

CAT # KP-22 \$7.50 each
10 for \$7.00 each



12 KEY MEMBRANE KEYPAD

12 key, matrix-encoded membrane keypad. 2.74" x 3.0". Ultra thin with self adhesive backing. 3" 7-conductor ribbon leads with SIP socket connector, 0.1" centers.

CAT# KP-9
\$9.20 each



16 BUTTON INDOOR / OUTDOOR KEYPAD

Fully-sealed, tactile snap-dome contacts. Contacts rated 30 mA @ 12 Vdc. 4 x 4 buttons (2.7" x 3" x 0.36"). Ten black keys numbered 1 to 0 (and A to J). Five blue keys with up-down arrows, CLEAR, HELP and ENTER. One red key labeled 2ND. TTL, MOS and DTL compatible. 9-pin headers, 0.1" spacing. See spec sheet on our web site for more info.

CAT # KP-23 \$12.50 each
10 for \$11.50 each



12 BUTTON KEYPAD

12 key keypad with numerals 0 -9, * and #. One common terminal. Contacts rated 20 mA @ 24 Vdc. 2.01" x 2.24". Black with white buttons. Mounting holes on 1.8" x 2.24" centers. Can be rear-mounted through a 2.25" X 1.81" cutout.

CAT# KP-12 \$4.95 each



AUTO PIN SWITCHES

ADJUSTABLE HOOD / DOOR PIN SWITCH

2-3/4" polycarbonate pin switch. Pin dimensions: 8.6 mm dia. x 19.5 mm H. Shaft diameter: 7.94 mm (5/16"). Accepts 1/4" female disconnect.

CAT# PSW-17 \$1.75 each



NICKEL-PLATED PIN SWITCH WITH POLYCARBONATE PLUNGER

1-5/16" panel mount with cut to length polycarbonate pin switch. Pin dimensions: 8 mm diameter x 29.5 mm H.

Shaft dia.: 10 mm. Accepts 1/4" female disconnect.
CAT# PSW-18 \$1.75 each



JOYSTICKS

WITH SNAP-ACTION SWITCHES

Rugged, precision-engineered 8-way joystick. Smooth, spring return-to-center stick controls four S.P.D.T. snap-action micro switches. Metal center shaft with heavy-duty black plastic stick and mounting plate. 3" x 3.5" mounting plate. Stick stands 3.75" above mounting plate. Switch mechanism extends 2" below plate.

CAT# JS-5 \$15.00 each



REMOVED FROM RC MODELS

Joystick controls removed from RC model transmitters. 360 degree joystick connected to two 5K Ohm potentiometers, one each on the X and Y axis. Each pot also has a trim adjustment lever with detent stops. Plastic assembly is 2.67" x 2.67" x 1.17." Metal joystick stands 1.25" above assembly. Removed from new equipment.

SELF-CENTERING - X AND Y AXIS

Spring-loaded stick returns to center position.

CAT# JS-9 \$7.00 each



SELF-CENTERING ONE AXIS ONLY

Detents on other axis hold the stick in whatever position it is placed.

CAT# JS-8 \$5.50 each

JOYSTICK MECHANISM - NO POTS OR SPRINGS

The plastic frame, mechanism and joystick from RC model transmitter. No pots or spring-return mechanism. 2.20" x 2.20" x 1.17".

CAT# JS-10 \$3.00 each

HP BARCODE WAND

Hewlett Packard

HBCS-2300.

Pen-type barcode scanner.

Polycarbonate case.

Sealed replaceable sapphire tip. Open collector output

compatible with TTL and CMOS.

5Vdc operation. 43" cable with 5-pin DIN plug.

Strain reliefs on both ends.

CAT# BCW-3 \$6.50 each



ELECTRET MICROPHONE WITH PUSH-TO-TALK BUTTON

Designed for use with a Bluetooth "hands-free" kit, microphone and pushbutton are housed in a 1.53" x 1.90" x 0.71" rounded case. Microphone connected to a 12ft, 2-conductor shielded cable, and membrane push-button connected to a 10ft 4-conductor cable.



ELECTRET MICROPHONE W/ METAL BRACKET

Electret condenser microphone in an oval, 43 x 23 x 17mm high black plastic enclosure attached to a 78mm long x 16mm wide metal bracket. Bracket extends 45mm past microphone. Bracket swivels. Probably designed to slide under auto sun visor. 290mm cable with two-conductor female connector.



CAT# MIC-64 \$1.50 each

DYNAMIC MICROPHONE

Priddis Dynamic Microphone # DM-312. Multi-purpose PA, Karaoke dynamic microphone. Moving-coil element. Uni-directional cardioid pattern. On-off switch. 11' Low Noise cable with 1/4" plug.



CAT# MIC-8 \$9.50 each

COIL CORD W/ 4-CONTACT TWIST-LOCK MIC CONNECTOR

Good-quality coil cord, stretches to 6 ft. Terminated with 4-contact female microphone connector. Three-conductors with braided copper shield. 6mm od. Removed from new equipment.



CAT# CB-232 \$3.75 each

TRAVEL CHARGERS

iPOD / iPHONE CAR CHARGER

Compatible with all iPhones and iPods (iPhone 3G, iPod 20G, 40G, 40G Photo, 60G Photo, Mini iPod, Nano, 4th & 5th Generation,), etc..



CAT# IPD-9 \$9.75 each

MINI-USB CAR CHARGER

For devices charged or powered through a mini-USB plug.



CAT# MT-10 \$8.85 each

MICRO-USB CAR CHARGER

For devices with micro USB connector. Internal Intelligent IC prevents overcharging.



CAT# MT-20
\$8.95 each

CHARGER FOR USB DEVICES

Compact wall charger for many cellphones, PDAs, smart-phones, MP3 players and iPods. Will charge almost anything that plugs into a USB port. Input: 100 - 240 Vac. Output: 5Vdc @ 0.2A.



CAT# PS-228 \$3.00 each

MULTI-VOLTAGE CAR ADAPTER W/ CASSETTE INTERFACE

PHILIPS# SAA2051W/17

Play and charge iPods, MP3 and portable CD players through any cassette deck.



Includes 1000 mA DC power adapter, cassette car stereo input, seven power plugs for most portable devices and a USB adapter for iPhones/iPods and MP3 devices.

CAT# APC-17 \$7.95 each

12V 1000MA CHARGER W/ CIG LIGHTER SOCKET

Compact, portable 120 Vac power supply allows cell phones, PDAs, MP3 players and other portable electronics with a car charger to be used anywhere AC power is available. Perfect for home, office or travel.



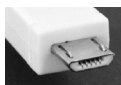
12 Vdc 1000 mA. **CAT# PS-1201** \$6.95 ea.

REDUCED PRICING!

Smart IC protects battery from overcharging. Compatible with Ni-Mh and Li-ion batteries. 6' cord.



MICRO-USB



For Motorola Q9h, Q9m, RAZR2 V8, RAZR2 V9, RAZR2 V9m, among others.

CAT# PS-6 \$4.00 ea.

MINI-USB



For Motorola Razr V3, SLVR, Blackberry 8700 among others.

CAT# PS-5 \$4.00 ea.

AUTOMOTIVE POWER CORDS W/ CIGARETTE LIGHTER PLUGS

DUAL CAR LIGHTER/ CHARGING SOCKET

Operate or charge two devices at the same time.

CAT# CLP-92 \$3.00 each
10 for \$2.75 each



CIGARETTE LIGHTER "Y"

1 plug to 2 sockets. 6" cord.

CAT# CLP-Y \$3.65 each
10 for \$3.40 each



UNIVERSAL USB POWER DOCK

Bracketron# IPM-197-BL.

Works great with GPS units, iPhones, iPods, satellite radios, mobile phone.

Clamp device into place and charge via the USB port. Features LED power indicator.

Adjustable 360° pedestal mount. Provides an extra port to power another 12 Vdc device at the same time.



CAT# CLP-97 ~~\$12.00~~ \$6.00 each

RELAYS

KH STYLE (ICE CUBE)

14 PIN (ICE CUBE) relays. All have clear or opaque plastic dust covers. Relay Size: 1.1" X 0.82" X 1.34" high



12 VDC, 4PDT

12 Vdc, 160 ohm coil. 4PDT contacts rated 5 Amps @ 240 Vac/ 28 Vdc. Solder or socket mount terminals. UL, CSA. **CAT # 4PRLY-12** \$4.25 each 10 for \$ 40.00 • 100 for \$ 375.00

12 VDC 4PDT RELAY

Potter & Brumfield # KHP17D12. 12Vdc, 160 Ohm coil. 4PDT contacts rated 3 Amps @ 120Vac/ 30Vdc, 1/10 HP. Nylon dust-cover. Socket/ solder-lug terminals. Made in USA. UL, CSA. **CAT# 4PRLY-12N** \$3.00 each 10 for \$2.75 each

24 VDC 4PDT 650 ohm coil.

3 amp contacts. Solder or socket mount **CAT# 4PRLY-24N** \$4.25 each

120 VAC 4PDT 5A

Guardian # 5310-4C-120A. 120Vac, 4400 Ohm coil. 4PDT contacts rated 5A 24Vdc/220Vac. 27 x 20 x 35.5mm high. Solder/socket pins. Fits standard KH-type relay socket. UL, CSA. **CAT# 4PRLY-120A** \$4.00 each 10 for \$3.75 each

120 VAC 4PDT P&B. 4PDT contacts,

rated 3 Amps @ 120Vac/ 28Vdc, 1/10 HP. Solder or socket-mount contacts. Note: These relays may have scratches or stickers on the dustcover. They are, however, new, unused and guaranteed. **CAT# 4PRLY-120N** \$3.00 each 10 for \$2.75 each

120 VAC 4PDT

Kest # KR1205N. 120 Vac, 4500 ohm coil. 4.P.D.T. contacts rated 5 A @ 240 Vac. Red LED indicator lights when coil is actuated. Solder/ socket mount terminals. **CAT# 4PRLY-120L** \$4.25 each

AUTOMOTIVE / POWER RELAYS

SPDT 30 AMP AUTO RELAY

Orinco # JD191E-1510. 12 Vdc, 88 ohm coil. N.O. contacts rated 30A. N.C. contacts rated 20 amps. Plastic enclosed relay, 1.1" x 1.2" x 1" high. Plastic flange for bulkhead mounting. Mounts in standard automotive relay socket. **CAT # RLY-351** \$2.55 each • 10 for \$22.50



DUAL 25 AMP RELAY, 12VDC COIL

NEC# EP2-3N1ST. Twin SPDT power relays in small package. Ideal for motor and solenoid reversible control. 12 Vdc coil @ 225 Ohm. Contact rating 25 A. Power consumption 480 mW. 16.2mm x 23.8mm x 16mm. Fully sealed. RoHS. **CAT# RLY-547** \$3.00 each



12 VDC SPDT PC MOUNT RELAY

Omron# G2R-1-E-T130. Sealed pc mount relay. 12 Vdc, 276 Ohm coil. S.P.D.T. contacts rated 16 Amps @ 30 Vdc/250 Vac. 0.50" x 1.12" x 0.97" high. UL/CSA. RoHS Compliant. **CAT# RLY-543** \$2.75 each • 10 for \$2.65 each



12VDC SPDT MINI POWER RELAY

NEC# ET1-B3M1S. 12 Vdc SPDT mini power relay. 12.72mm x 13.88mm x 9.90mm. Coil rating 225 Ohm. Contacts rated 16 Vdc @ 25 A. Fully sealed. RoHS. **CAT# RLY-549** \$2.35 each



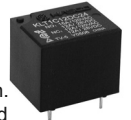
24 VDC SPDT

Small, open-frame, pc mount power relay. Similar P&B T90 style relays. 480 ohm coil. Estimated contact current rating: 15 A(min). 0.9" x 0.71" x 0.72" high. PC pins. **CAT # RLY-275** 50¢ each • 10 for \$4.50 100 for \$40.00 • 1000 for \$300.00



24 VDC SPDT RELAY

Hasco #KLT1C12DC24. Miniature, pc mount power relay. Sealed case 0.75" x 0.60" x 0.62" high. 24 Vdc, 1600 Ohm coil. Contacts rated 15A (NO), 12A (NC). UL, CSA, TUV. **CAT# RLY-481** \$1.10 each 10 for \$1.00 each • 100 for 65¢ each



24 VDC SPDT 15/10A PC RELAY

Omron # G8P-114P-US. Sealed PC mount relay for home and industrial appliances. 24Vdc, 660 Ohm coil. Contacts rated 15A/n.o., 10A/n.c. 32 x 27 x 21mm high. UL, CSA. **CAT# RLY-553** \$2.00 each 10 for \$1.80 each • 100 for \$1.65 each



8-PIN DPDT SOLDER / SOCKET MOUNT RELAYS

8-pin, DPDT relays. Rated 10A or more. Clear polycarbonate dust cover. 1.1" x 0.83" x 1.37" high. 0.187" solder/ qc terminals or socket mount in CAT#s RST-2, RST-2PC or RST-2SL. UL, CSA.



12VDC 10A 162 Ohm coil Kest # KRLY-2012 **CAT# RLY-2012** \$4.00 each

24VDC 10A 625 Ohm coil Kest #KRLY-2024 **CAT# RLY-2024** \$4.00 each

24VDC 10A 650 Ohm coil Sky #SKNP-2C **CAT# RLY-556** \$3.35 each 100 for \$3.00 each

120VAC 12A 3.87K Ohm coil. Bulkhead mounting flanges. Omron LY2-UA-006244 **CAT# RLY-453** \$1.75 each

120VAC 10A 5K Ohm coil Kest # KRLY-2120 **CAT# RLY-2120** \$4.00 each

RELAY SOCKETS

KH RELAY SOCKETS

Fits all KH and KHU style, 14 pin relays except PC mount style (most relays starting with CAT# 4PRLY).

Solder-loop terminals.

Note: Terminals and contacts may be discolored.

CAT# PRLY-S 2 for \$1.00
100 for 40¢ each

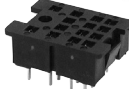


Screw terminals. Can be surface mounted or snap-mounted to aluminum DIN rail. UL and CSA. 1.17" X 2.44" X 0.98".

CAT# MT14-PC
\$5.50 each • 10 for \$50.00



PC pins for PC board mount.
CAT# PRLY-SC 75¢ each



8-PIN DPDT RELAY SOCKETS

For 8-pin, DPDT relays with rectangular base. Fits our CAT#s RLY-2012, RLY-2024, RLY-2120, RLY-453 and RLY-556. UL, CSA.



PC PINS
CAT# RST-2PC
\$1.20 each



SOLDER TERMINALS
CAT# RST-2SL
\$1.35 each



SCREW TERMINALS
Bulkhead, surface mount.
2.6" x 0.87" x 1" high.
CAT# RST-2
\$6.45 each



AUTO RELAY SOCKETS

Pre-wired sockets for use in automotive alarms, door-locks, starter-interrupt, light circuits and other auto applications. Color-coded leads. Will fit our relay, CAT# RLY-351.

5 WIRE SOCKET
with two 18 AWG leads and three 14 AWG leads. Sockets can be interlocked side-to-side.
CAT# SRLY-2 \$2.25 each • 10 for \$ 17.50



DUAL RELAY SOCKET
Dual 5 wire sockets designed for door-lock applications.
CAT # SRLY-4 \$ 3.25 each
10 for \$ 27.50



8 PIN OCTAL SOCKETS

PC mount socket for round base 8 pin relays and vacuum tubes.
CAT# OCT-PC \$1.25 each
10 for \$1.10 each • 100 for 95¢ each



Screw terminals for easy connections and changes. Can be surface mounted or used with aluminum DIN rail. UL listed. **CAT# OTO8-PC**
\$2.90 each • 10 for \$2.75 each



SOLENOIDS

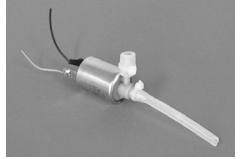
MINIATURE 12VDC PUSH-TYPE

SOLENOID Ledex™. 0.5" dia. x 1" long tubular solenoid with 3/8" dia. threaded bushing for mounting. 1/16" dia. x 1/2" long plunger. 40 Ohm coil. Operates on 12 Vdc. 1" wire leads. **CAT# SOL-102**
\$2.75 each • 10 for \$2.50 each



SOLENOID VALVE

12 Vdc, 100mA solenoid valve. Open when activated. Body: 24mm diameter x 31mm long. 62mm overall length, including inlet and outlet ports and terminals. 0.19" diameter ports. Used, removed from equipment.
CAT# SOL-132 \$2.50 each



SPRING-RETURN SOLENOIDS

1.4" x 1.0" x 0.77"(36.5 x 25.0 x 20.0mm) box-type solenoid. 0.32" (7.5mm) diameter plunger has a slot and hole. A nylon bushing and spring on the plunger give the solenoid spring-return capability when a cotter pin or other connecting device is put in the hole in the plunger. An adjustable L-bracket attached to body of solenoid limits the outward travel of the plunger. 9" pigtail leads.



6-12 Vdc 13.8 Ohm coil.
CAT# SOL-137 \$2.50 each

12-24 Vdc 22 Ohm coil.
CAT# SOL-138 \$2.50 each

ANTENNAS

2.4 GHZ DESKTOP ANTENNA

2.4GHz desktop antenna for WLAN terminal applications. 4" high. 3" diameter weighted rubber base. SMA-R connector on 6' cable.
CAT# ANT-37
\$3.50 each



2.4 GHZ ANTENNA

Laird #WCR2400SMRP. 2.4-2.5 GHZ. 1/2 wave dipole antenna. 1 DBI gain. 50 ohm impedance. 95mm overall length. Gold-plated, reverse polarity SMA connector. -40 +80c temp. 90 Deg. knuckle.
CAT# ANT-36 ~~\$3.50~~ \$3.00 each



REDUCED PRICE!

916 MHZ 1/4 WAVE ANTENNA

Linx Technologies Inc. #ANT-916-JJB-RA Embeddable 1/4-Wave Monopole Antenna, 916 MHz (901-931 MHz). 50 ohm impedance, omnidirectional. 7mm diameter x 14.5mm high, right-angle mount. Through-hole feedline can attach directly to PC board. Okay for internal or external mounting. **CAT# ANT-38** \$1.35 each



45" TELESCOPING RC TX ANTENNA

45", 10-section telescoping antenna for RC transmitter. Collapsed length, 6". Threaded base.
CAT# ANT-50 \$2.50 each



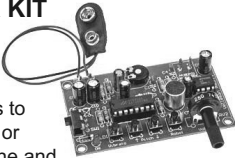
1W/3W HIGH-POWERED LED DRIVER

Power up to four 1W or two 3W high-power LEDs (not included). Delivers accurate constant current required by most high-power LEDs. High efficiency due to switch mode principle. Built-in rectifier for easy connection to AC source. Short-circuit protected. No heatsink required. Also suited as fixed current NiCd/NiMH battery charge circuit. 350mA or 700mA constant current source. Input voltage: 6-12Vac/9-18Vdc. Power consumption: 650mA max. 45 x 30 x 16mm.
CAT# MK-8071 \$16.95 each



VOICE CHANGER KIT

Velleman # MK-171. Make your voice sound like a robot. Add vibrato effect. Use pitch buttons to make your voice higher or lower. Built-in microphone and power amplifier with volume control - just add a speaker. Speaker / line output. Maximum output power 1.5 W (4 Ohm). Operates on 9Vdc / 300 mA. 9 Volt battery not included.
CAT# MK-171 \$16.80 each



2X5W AMPLIFIER FOR MP3 PLAYER

Features big sound from a small unit. Low distortion. Stereo 3.5mm jack input. Volume adjust complete with attractive knob. Slide on/off switch. Blue indicator led. 2 x 5Wrms (10% THD @ 4ohm / supply 14V). Sensitivity: 400mVrms for full output. 30Hz-100kHz (-3dB / 8 ohm) frequency response. Requires 6-14 Vdc / 1A max. power supply (not included). Speaker impedance: 4-32 ohm speaker impedance. 66 x 53 x 25mm (2.59 x 2.08 x 0.98")
CAT# MK-190 \$19.95 each



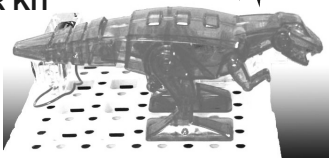
12V CAR BATTERY MONITOR

Easy to build in, only 2 wires to connect (connect after ignition). Uses multi colour 3mm LED... green: battery OK, Slow pulsing (green): battery OK or charging, red: battery voltage is low, red blinking: battery is being overcharged. Includes board to wire connector. 30 x 20mm (1.18 x 0.78" board).
CAT# MK-189 \$9.95 each



SOLDERLESS ELECTRONIC DINOSAUR KIT

A unique, inexpensive and simple to build kit. Assemble the plastic dinosaur, connect the motor/gearbox, on/off switch and battery holder, and you've got a 6" long dinosaur that bobs up and down. All of the components attach to a 5.5" x 5.5" x 1.15" high plastic box. No need for tools or solder. The included components can easily be recycled for use in other motorized projects. Includes instructions. Requires one AA battery (not included).
CAT# KFK-1 \$5.95 each



6-IN-1 EDUCATIONAL SOLAR KIT

Educational solar kit is an excellent building kit for beginners, teaching children the benefits of solar energy while they create a toy that is fun to play with and requires no batteries.



Children use the 21 snap-together plastic parts to build six different motorized working models including an airboat, windmill, puppy, car, and two different planes. No tools required for assembly. Diagonal cutter may be needed to initially separate plastic parts. Kit includes plastic parts, 75mA solar cell, 1.2V electric motor, wires, springs and instruction book. For children 10 years or older. May require adult assistance.
CAT# KFK-2 \$6.00 each

SPACE SHUTTLE KIT

Relatively simple to build, space shuttle model glider. May not set any flying records, but it looks nice and is fun to put together. Made of light-weight, hard-shell styrofoam. No glue required. Approximately 7" long x 3.5" high.
CAT# KFK-4 \$1.00 each



EDUCATIONAL SOLDERLESS ALARM KIT

Designed for children, ages 8 and up, this alarm kit includes a simple to understand instruction booklet that teaches the basics of electricity, electrical circuits, resistors, transistors, piezo transducers, photocells and batteries. The finished alarm is a light sensor, which is meant to be used in a dark drawer. When an "intruder" opens the drawer, exposing the photocell to light, the alarm will sound. The kit includes everything you need for assembly, except the 9-volt battery (which must be purchased separately). No tools required.
CAT# KFK-3 \$3.95 each



QUARTZ CLOCK MECHANISM

Make a clock with this easy-to-install, battery-operated quartz mechanism. 5/16" dia. threaded bushing can be mounted through a surface up to 0.1" thick. Black hour and minute hands, red second hand. Radius of minute and second hand, 2." Operates for thousands of hours on one AA cell (not included). Mechanism is 2.2" square x 0.64" thick. CE.
CAT# CKM-1 \$4.00 each



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