# RELAYS

## AUTOMOTIVE / POWER RELAYS

### SPDT 40 AMP AUTO RELAY
- 12 Vdc, 88 Ohm coil. Contacts rated 40A. 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 12V 20A RELAY
- Panasonic (NAIS) ACT512
- Ultra-small automotive relay with two separate coils and sets of SPDT contacts. Rated 20 Amps. 17.4 x 14 x 13.5mm. 10 terminals. PC leads.
- **CAT# RLY-650** $2.50 each • 10 for $21.50

### 12VDC SPDT AUTOMOTIVE RELAY
- Hella# 007794301
- Shrouded weatherproof relay with mounting tab. N.O., 40A/ N.C. 20A. Coil resistance, 85 Ohms. 680 Ohm suppression resistor. 1/4 QC terminals. 35.5 x 35.5 x 47.7mm high not including tab.
- **CAT# RLY-657** $3.00 each

### 12VDC SPST N.O. 16A RELAY
- American Zettler AZ948-1AE1-12DE
- 12Vdc, 720 Ohm coil. SPST, normally-open contacts rated 16A. 16A 125Vac. 1/10HP 125/250Vac. Miniature, epoxy sealed PBT polyester enclosure, 22 x 16 x 10.5mm high. PC leads. UL, CSA.
- **CAT# RLY-655** 75¢ each • 25 for 55¢ each

### 12VDC SPDT 20/10A PC MOUNT RELAY
- P&B T90R5012-12
- General purpose 12 Vdc 20 Amp SPDT relay. Up to 20A switching. Rated: 155Ω coil resistance. 77ma nominal current. UL ratings: N.O. 20A, N.C. 10A
- **CAT# RLY-658** $2.00 each

### 12 VDC SPDT 40A RELAY, PC MOUNT
- Song Chuan 822U-1C-S 12VDC.
- 12vdc 90Ω coil. Contact ratings: N.O. 40 amp 14vdc, N.C. 20A/14 Vdc. Sealed type washable. 26.6mm x 21.4mm x 21.8mm high. PC pins.
- **CAT# RLY-573** 85¢ each • 10 for 75¢ each

### 12VDC SPDT MINI POWER RELAY
- NEC# ET1-B3M1S
- 12.72 x 13.88 x 9.90mm. Coil rating 225 Ohm. Contacts rated 16 Vdc @ 25 A. Fully sealed. RoHS.
- **CAT# RLY-549** $1.00 each • 10 for 75¢ each

### 24VDC, SPDT 10A RELAY, PC MOUNT
- Part# C5-1CP-DC24
- Sealed 24vdc SPDT 10A relay, 1600 Ohm coil. Sealed case. PC mount 22mm x 16.5mm x 16mm high. UL rated.
- **CAT# RLY-661** 50¢ each • 10 for 45¢ each

### 24 VDC SPDT 10 AMP
- Omron G5LE-14-DC24
- High-capacity subminiature "sugar cube" relay with universal footprint. 24Vdc, 1,440Ω coil. SPDT contacts rated 10A. 22.5 x 16.5 x 19.0mm sealed case. PC leads. UL, CSA.
- **CAT# RLY-579** $1.00 each • 100 for 40¢ each

### 24VDC DPDT 25A RELAY
- Tyco Electronics PRD-11DY-24
- **CAT# RLY-2425** $7.95 each

### 14 PIN (ICE CUBE) relays.
- All have clear or opaque plastic dust covers. Relay Size: 1.1” x 0.82” x 1.34” h.

#### 12 VDC, 4PDT
- MY4N. 12Vdc, 130 Ohm coil. 4PDT contacts rated 3A. Green indicator LED lights when coil is energized. Solder or socket mount. Non-UL.
- **CAT# RLY-4212** $3.00 each

### 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.

#### 12 VDC 10A
- LY2N. 135 Ohm coil.
- **CAT# RLY-2212** $2.85 each

#### 24 VDC 10A
- 650 Ohm coil Sky #SKNP-2C
- **CAT# RLY-556** $2.75 ea. • 100 for $2.50 ea.

#### 120 VAC 10A
- NTE# R14-11A10-120.
- **CAT# 2PRLY-120** $11.00 each

#### 120 VAC 10A
- NTE# R14-11A10-120P.
- **CAT# 2PRLY-120P** $10.65 each
WIRE - CABLE - CO-AX

HOOK-UP WIRE

Stranded and solid hook-up wire, PVC insulation.
Colors available: Black (BK), Red (RD), White (WT), Green (GN), Yellow (YL), Blue (BL), Brown (BR), Orange (OR), Purple (PR), Gray (GY).

Available in 25' and 100' rolls.

1/4 LB ROLL

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14 OZ. ROLL

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MAGNET WIRE

Solid copper wire with a very thin insulating layer. Used in applications such as winding electric motor coils, speakers and transformers. Also used in the construction of electromagnets and inductors.

1/4 LB ROLL

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ZIP CORD / SPEAKER WIRE

RED / BLACK AUTOMOTIVE GRADE ZIP CORD

Automotive grade “GPT” zip cord with red and black conductors. 80°C, flame-retardant PVC insulation. Stranded conductors. Flexible insulation. 10 ft minimum order.

18 GAUGE, SPT-1, UL/CSA ZIP CORD

250' Roll Black
CAT# 18B-250
$59.00 per roll

250' Roll White
CAT# 18W-250
$59.00 per roll
**FERRITES**

**FERRITE SPLIT BEAD WITH SNAP SLEEVE**

Used to suppress RFI, EMI and unwanted spurious signals. Self-locking plastic snap sleeve. 7mm (0.27") I.D. snap-bead. 32.5 x 19.0 x 19.5mm case. 40¢ each. 10 for 35¢ each • 540 for 25¢ each

**TOROIDS**

12.5MM O.D. X 7.5MM I.D. X 5.0MM
Epcos B64290L R12.5x7.5 N49. 4 for $1.00

19.5MM O.D. x 13MM I.D. x 7MM
Magnetic Metals 64 D 4602 B42 5 for $1.00

12.5MM OD x 55 MM ID x 25.5MM
Fair-Rite# 264348009. 43 ferrite shield bead. Epoxy coated. 2 for $1.00 100 for 45¢ each

9.5MM O.D. X 6MM I.D. X 14.5MM
Fair Rite # 2643054201. 43 shield bead for 20-300Mhz. RoHs. 2 for $1.00 100 for 45¢ each • 300 for 35¢ each

22MM O.D. X 14MM I.D. X 6.6MM
CAT# TOR-61 45¢ each

29MM O.D. X 19MM I.D. X 7.5MM
CAT# TOR-75 40¢ each

**INDUCTORS**

0.676 µH ADJUSTABLE CHOKE
0.375” x 0.375” x 0.75” high coil with adjustable ferrite. PC leads on 0.38” (10mm) centers. 3 for $1.00 • 100 for $25.00

10 µH INDUCTOR
Gowanda #GA30-102K 10uh 3.2A axial choke. 0.4” dia. x 0.8” long. 1.15 each 10 for $1.05 each • 100 for 90¢ each

47 µH 10% AXIAL CHOKE
 Coilcraft # PCH-27-473 0.5” x 0.22” diameter. SRF typ.: 6MHz, DCR max.: 0.094 Ohms. 75¢ ea. • 10 for 65¢ ea.

100 uH AXIAL CHOKE
RFE International # LGA-X1123-101K. 0.43” dia. x 0.79” long. 1.00 ea. • 100 for 70¢ ea.

100 µH, 2.7A CHOKE
Dale IHA 203. High current axial leaded 100 uh, 2.7A choke coil. 12.7mm diameter x 23.7mm length. 1.25" long pre-tinned leads. Can be used for noise filtering for switching regulators, power amplifiers, power supplies, and SCR and triac control circuits. CAT# IHA-203 $1.25 each

100 µH 4.3A PC MOUNT INDUCTOR
CTX100-2-52M on battery charger board with other useful parts. Requires desoldering. CAT# EX-57 $1.50 each • 10 for $1.20 each

345 µH TOROIDAL INDUCTOR
0.6” diameter x 0.415” high. Two pc leads on 0.38” centers. 345 µH. Max. DCR: 0.2. Large quantity available. CAT# CR-345 3 for 99¢ • 240 for 20¢ each 480 for 15¢ each • 1680 for 10¢ each

**CIGARETTE LIGHTER CORDS**

CIGARETTE LIGHTER “Y”
1 plug to 2 sockets. 6” cord. 3.25 each 10 for $ 3.00 each

CIGARETTE LIGHTER POWER CORDS
4.5’ good-quality, UL rated, shielded cable. Replaceable fuse. Terminated with right-angle 1.3mm coax power plug (1.3mm id x 2.3mm od x 10mm), center positive. Output rated 12Vdc, 3 Amps. 3.00 ea. • 10 for $2.70 ea.

**CIGARETTE LIGHTER SOCKETS**

In-line, cable-mount 12V cigarette lighter/ power socket. Strain relief is 0.275” and accepts up to 16 gauge zip cord. Heavy-duty all metal jack mounts in 7/8” diameter hole in panel up to 0.20” thick. 1/4” solder/qr terminals. Extends 2 1/2” below mounting hole. 10 Amp maximum.

ORDER TOLL FREE 1-800-826-5432