

## High Temperature 105° Electrolytics

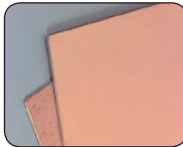
High temperature electrolytics for use in switch mode power supplies found in TVs, VCRs, etc. 105°C operating temperature satisfies characteristic W of JIS-C-5141 standards. ±20% tolerance.



| Part #   | Volts | Value uF | Price (1-9) | Price (10-99) | Price (100-UP) |
|----------|-------|----------|-------------|---------------|----------------|
| 020-1702 | 16V   | 47       | \$.10       | \$.08         | \$.05          |
| 020-1704 | 16V   | 100      | .13         | .10           | .06            |
| 020-1706 | 16V   | 220      | .19         | .14           | .10            |
| 020-1708 | 16V   | 330      | .21         | .16           | .10            |
| 020-1710 | 16V   | 470      | .30         | .22           | .15            |
| 020-1712 | 16V   | 680      | .40         | .30           | .20            |
| 020-1714 | 16V   | 1000     | .49         | .36           | .24            |
| 020-1716 | 16V   | 2200     | .96         | .72           | .48            |
| 020-1718 | 16V   | 4700     | 1.85        | 1.39          | .93            |
| 020-1722 | 25V   | 10       | .11         | .08           | .06            |
| 020-1724 | 25V   | 22       | .11         | .08           | .06            |
| 020-1726 | 25V   | 33       | .10         | .07           | .05            |
| 020-1728 | 25V   | 47       | .13         | .10           | .06            |
| 020-1730 | 25V   | 100      | .16         | .13           | .09            |
| 020-1732 | 25V   | 220      | .27         | .20           | .14            |
| 020-1734 | 25V   | 330      | .36         | .27           | .18            |
| 020-1736 | 25V   | 470      | .52         | .39           | .30            |
| 020-1738 | 25V   | 1000     | .88         | .66           | .52            |
| 020-1740 | 25V   | 2200     | 1.64        | 1.23          | .82            |
| 020-1742 | 35V   | 33       | .11         | .08           | .06            |
| 020-1744 | 35V   | 47       | .14         | .11           | .07            |
| 020-1746 | 35V   | 220      | .34         | .26           | .17            |
| 020-1748 | 35V   | 470      | .68         | .51           | .34            |
| 020-1750 | 35V   | 1000     | 1.12        | .84           | .56            |
| 020-1650 | 50V   | 1.0      | .09         | .07           | .05            |
| 020-1652 | 50V   | 2.2      | .11         | .08           | .06            |
| 020-1654 | 50V   | 4.7      | .10         | .07           | .05            |
| 020-1656 | 50V   | 10       | .10         | .07           | .05            |
| 020-1658 | 50V   | 22       | .16         | .12           | .08            |
| 020-1660 | 50V   | 33       | .15         | .11           | .08            |
| 020-1662 | 50V   | 47       | .20         | .15           | .10            |
| 020-1664 | 50V   | 100      | .21         | .16           | .11            |
| 020-1666 | 50V   | 220      | .40         | .30           | .20            |
| 020-1668 | 50V   | 330      | .64         | .48           | .32            |
| 020-1670 | 50V   | 470      | .92         | .69           | .52            |
| 020-1672 | 50V   | 1000     | 1.60        | 1.20          | .80            |
| 020-1674 | 50V   | 2200     | 2.30        | 1.73          | 1.15           |
| 020-1676 | 100V  | .47      | .10         | .08           | .05            |
| 020-1678 | 100V  | 1.0      | .10         | .08           | .05            |
| 020-1680 | 100V  | 4.7      | .12         | .09           | .06            |
| 020-1682 | 100V  | 47       | .47         | .35           | .23            |
| 020-1684 | 100V  | 100      | .60         | .45           | .30            |
| 020-1686 | 100V  | 470      | 2.52        | 1.92          | 1.28           |
| 020-1688 | 160V  | 2.2      | .15         | .11           | .08            |
| 020-1689 | 160V  | 100      | .64         | .48           | .32            |
| 020-1690 | 250V  | 1        | .15         | .11           | .08            |
| 020-1692 | 250V  | 47       | 1.25        | .94           | .63            |

## Copper Clad PC Board

These printed circuit boards are constructed of 1/16" glass epoxy with 1 oz. (.0014") of copper per side. The FR-4 material has a dielectric constant of 3.6 at 1 MHz.



| Part #  | Size      | Type         | Price (1-9) | Price (10-UP) |
|---------|-----------|--------------|-------------|---------------|
| 055-130 | 2" x 4"   | Single Sided | \$1.78      | \$1.61        |
| 055-132 | 3" x 5"   | Single Sided | 2.29        | 2.11          |
| 055-134 | 4" x 6"   | Single Sided | 2.75        | 2.46          |
| 055-136 | 6" x 9"   | Single Sided | 3.60        | 3.27          |
| 055-138 | 8" x 10"  | Single Sided | 5.47        | 4.96          |
| 055-140 | 12" x 12" | Single Sided | 7.95        | 7.15          |
| 055-150 | 6" x 6"   | Double Sided | 3.38        | 3.02          |
| 055-152 | 8" x 10"  | Double Sided | 6.83        | 6.17          |

## Positive Developer

For developing photo sensitive boards coated with positive type etch resist. Concentrate solution (1 part developer to 10 parts water). 2 oz. bottle.



#340-144 ..... \$7.90 (1-9) \$7.15 (10-UP)

## Polyester Film Capacitors

Quality epoxy resin coating guarantees high moisture resistance and a wide operating temperature range. Operating tolerance ±10%. Please order a minimum of 10 pieces.



| Part #   | Volts | Value uF | Price (10-99) | Price (100-UP) |
|----------|-------|----------|---------------|----------------|
| 020-1800 | 100V  | .0010    | .06           | .04            |
| 020-1802 | 100V  | .0015    | .07           | .05            |
| 020-1804 | 100V  | .0020    | .06           | .05            |
| 020-1806 | 100V  | .0022    | .06           | .04            |
| 020-1808 | 100V  | .0030    | .07           | .05            |
| 020-1810 | 100V  | .0033    | .06           | .05            |
| 020-1812 | 100V  | .0047    | .06           | .04            |
| 020-1814 | 100V  | .0050    | .06           | .04            |
| 020-1816 | 100V  | .010     | .07           | .05            |
| 020-1818 | 100V  | .015     | .07           | .05            |
| 020-1820 | 100V  | .020     | .09           | .07            |
| 020-1822 | 100V  | .022     | .07           | .05            |
| 020-1824 | 100V  | .030     | .08           | .05            |
| 020-1826 | 100V  | .033     | .08           | .06            |
| 020-1828 | 100V  | .047     | .09           | .06            |
| 020-1830 | 100V  | .050     | .10           | .06            |
| 020-1832 | 100V  | .068     | .11           | .07            |
| 020-1834 | 100V  | .10      | .13           | .08            |
| 020-1836 | 100V  | .15      | .16           | .11            |
| 020-1838 | 100V  | .20      | .19           | .12            |
| 020-1840 | 100V  | .22      | .18           | .12            |
| 020-1842 | 100V  | .33      | .20           | .17            |
| 020-1844 | 100V  | .47      | .28           | .22            |
| 020-1846 | 100V  | .50      | .28           | .23            |
| 020-1848 | 100V  | .68      | .36           | .29            |
| 020-1850 | 200V  | .0010    | .07           | .05            |
| 020-1852 | 200V  | .0022    | .07           | .05            |
| 020-1854 | 200V  | .0047    | .07           | .05            |
| 020-1856 | 200V  | .010     | .08           | .05            |
| 020-1858 | 200V  | .015     | .08           | .05            |
| 020-1860 | 200V  | .022     | .09           | .06            |
| 020-1862 | 200V  | .047     | .16           | .11            |
| 020-1864 | 200V  | .050     | .13           | .09            |
| 020-1866 | 200V  | .10      | .19           | .11            |
| 020-1868 | 200V  | .15      | .22           | .15            |
| 020-1870 | 200V  | .20      | .28           | .20            |
| 020-1872 | 200V  | .22      | .32           | .25            |
| 020-1874 | 400V  | .0010    | .08           | .05            |
| 020-1876 | 400V  | .0022    | .07           | .05            |
| 020-1878 | 400V  | .0047    | .08           | .05            |
| 020-1880 | 400V  | .010     | .09           | .06            |
| 020-1882 | 400V  | .020     | .12           | .08            |
| 020-1884 | 400V  | .022     | .11           | .07            |
| 020-1888 | 400V  | .10      | .32           | .21            |

## Premier Presensitized PC Boards

These highly accurate, pre-coated positive acting printed circuit boards are constructed of 1/16" glass epoxy with 1 oz. (.0014") of copper per side. Simply attach your positive artwork, expose to a UV light source (including sunlamps, the sun, special UV light sources or even normal fluorescent lighting bulbs) and then develop with developer concentrate, part #340-144. The FR-4 material has a dielectric constant of 3.6 at 1 MHz.



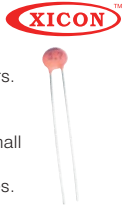
| Part #  | Size      | Type         | Price (1-9) | Price (10-UP) |
|---------|-----------|--------------|-------------|---------------|
| 055-100 | 2" x 4"   | Single Sided | \$2.76      | \$2.58        |
| 055-102 | 3" x 4"   | Single Sided | 3.98        | 3.50          |
| 055-104 | 3" x 6"   | Single Sided | 4.32        | 3.91          |
| 055-106 | 4" x 6"   | Single Sided | 5.62        | 5.14          |
| 055-108 | 6" x 6"   | Single Sided | 8.53        | 7.71          |
| 055-110 | 6" x 9"   | Single Sided | 10.93       | 9.83          |
| 055-112 | 7" x 10"  | Single Sided | 14.58       | 13.11         |
| 055-114 | 12" x 12" | Single Sided | 28.34       | 25.57         |
| 055-120 | 3" x 4"   | Double Sided | 5.13        | 4.61          |
| 055-122 | 6" x 6"   | Double Sided | 9.91        | 8.95          |
| 055-124 | 6" x 9"   | Double Sided | 13.87       | 12.53         |

## Parts & Accessories

### Components

## Ceramic Disc Capacitors

EIA, Class 2, ceramic disc capacitors. Life test two times working voltage at 85°C for 250 hours. High vacuum Durez coated, impregnated wax. Small size with high dielectric constant. Please order a minimum of 10 pieces.



| Part #   | Volts | Value pF | Dia (mm) | Price (10-99) | Price (100-UP) |
|----------|-------|----------|----------|---------------|----------------|
| 020-2001 | 500V  | 4.7      | 6        | .07           | .05            |
| 020-2002 | 500V  | 10       | 6        | .05           | .04            |
| 020-2006 | 500V  | 15       | 6        | .05           | .04            |
| 020-2008 | 500V  | 18       | 6        | .05           | .04            |
| 020-2010 | 500V  | 22       | 6        | .05           | .04            |
| 020-2014 | 500V  | 27       | 6        | .05           | .04            |
| 020-2020 | 500V  | 39       | 6        | .05           | .04            |
| 020-2022 | 500V  | 47       | 6        | .05           | .04            |
| 020-2026 | 500V  | 56       | 6        | .05           | .04            |
| 020-2034 | 500V  | 100      | 6        | .05           | .04            |
| 020-2036 | 500V  | 120      | 6        | .05           | .04            |
| 020-2038 | 500V  | 150      | 6        | .05           | .04            |
| 020-2040 | 500V  | 180      | 6        | .07           | .06            |
| 020-2044 | 500V  | 220      | 6        | .07           | .06            |
| 020-2046 | 500V  | 250      | 6        | .05           | .04            |
| 020-2048 | 500V  | 270      | 6        | .05           | .04            |
| 020-2050 | 500V  | 300      | 6        | .05           | .04            |
| 020-2052 | 500V  | 330      | 6        | .05           | .04            |
| 020-2058 | 500V  | 471      | 6        | .05           | .04            |
| 020-2060 | 500V  | 500      | 6        | .07           | .06            |
| 020-2064 | 500V  | 680      | 6        | .05           | .04            |
| 020-2070 | 500V  | 1k       | 6        | .08           | .06            |
| 020-2072 | 500V  | 2k       | 6        | .05           | .04            |
| 020-2078 | 500V  | 10k      | 6        | .15           | .11            |
| 020-2081 | 500V  | 22k      | 6        | .17           | .11            |
| 020-2082 | 100V  | 50k      | 9        | .17           | .13            |

## Dayton Silver Solder



- 4% silver content for higher electrical conductivity than standard solder
- Halogen-free flux for use on precious metals

Why bother spending more on high-end speakers and boutique crossover components only to have their sound dulled by standard lead/tin solder? Dayton Audio silver solder consists of 4% silver content and provides greater electrical conductivity than standard solder and allows miniscule microphonic signals to make their way through the crossover and to your speakers. Signal distortion is also said to be reduced when using silver soldered joints, and performance is optimized at all frequencies for consistent, exact sound reproduction. Halogen-free flux allows for working with precious metal surfaces with little to no degradation.

**Specifications:** • Melting temperature: 422.6°F/217°C  
• Solder diameter: 1.0 mm • Spool weight: 1/2 lb.

#370-038 ..... \$29.80 (1-3) \$27.50 (4-UP)

## Tinnit™ Tin Plate

Tinnit™ will plate a copper clad board with a bright tin plate approximately .0004" thick. Enhances solderability. Supplied as a dry concentrate, just add water to make one pint of solution that will plate up to 600 sq. inches of copper. After being mixed, solution has approximately a 2 month life.



#340-188 ..... \$6.90 (1-11) \$5.80 (12-UP)