

| 630 Volt d.c. | | Price Each | | | | | |
|---------------|------------|------------|-------|-------|-------|----|----|
| pF | Order Code | 5+ | 50+ | 100+ | 500+ | + | + |
| 47 | 121-5581 | 29.00 | 23.00 | 17.00 | 13.00 | -- | -- |
| 68 | 121-5582 | 29.00 | 23.00 | 17.00 | 13.00 | -- | -- |
| 100 | 121-5575 | 29.00 | 23.00 | 17.00 | 13.00 | -- | -- |
| 150 | 121-5576 | 29.00 | 24.00 | 18.00 | 13.00 | -- | -- |
| 220 | 121-5578 | 29.00 | 24.00 | 18.00 | 13.00 | -- | -- |
| 330 | 121-5579 | 35.00 | 29.00 | 22.00 | 17.00 | -- | -- |
| 470 | 121-5580 | 35.00 | 29.00 | 22.00 | 17.00 | -- | -- |

PC/HV/S Series



- Low loss film and foil polypropylene
- Flame retardant polyester outer case epoxy end seals

| | | | |
|-------------------------|-----------------|---------------------|----------|
| Operating temperature | -55°C to +100°C | Tolerance | ±20% |
| Insulation resistance | 100000MΩ | Power factor @ 1kHz | 0.0005 |
| Temperature coefficient | -200ppm/°C | Pulse rating 1000V | 1000V/μS |
| Climate category | 40/85/56 | Pulse rating 1500V | 2000V/μS |

N.B. For ease of selection, capacitance value is listed in both μF and nF.

| 1000 Volt d. c. (350 Volt a. c.) | | Dimensions | | Order Code |
|----------------------------------|-----|------------|------|------------|
| μF | nF | L | Dia. | |
| 0.001 | 1 | 20 | 9 | 106-361 |
| 0.001 | 1 | 20 | 9 | 952-0287 |
| 0.0022 | 2.2 | 20 | 9 | 106-362 |
| 0.0022 | 2.2 | 20 | 9 | 952-0295 |
| 0.0047 | 4.7 | 20 | 9 | 106-363 |
| 0.0047 | 4.7 | 20 | 9 | 952-0309 |
| 0.01 | 10 | 20 | 9 | 106-364 |
| 0.01 | 10 | 20 | 9 | 952-0317 |
| 0.022 | 22 | 28 | 9.5 | 106-365 |
| 0.022 | 22 | 28 | 9.5 | 952-0325 |
| 0.047 | 47 | 32 | 12 | 106-366 |
| 0.047 | 47 | 32 | 12 | 952-0333 |
| 0.1 | 100 | 33 | 14.5 | 106-367 |
| 0.1 | 100 | 33 | 14.5 | 952-0341 |
| 0.22 | 220 | 33 | 20 | 106-368 |
| 0.22 | 220 | 33 | 20 | 952-0350 |
| 0.47 | 470 | 46 | 24 | 106-369 |
| 0.47 | 470 | 46 | 24 | 952-0368 |

Order Multiple=5

| 1000 Volt d.c. | | Price Each | | | |
|----------------|------------|------------|--------|--------|--------|
| μF | Order Code | 5+ | 25+ | 100+ | 500+ |
| 0.001 | 106-361 | 23.00 | 23.00 | -- | -- |
| 0.001 | 952-0287 | 23.00 | 23.00 | -- | -- |
| 0.0022 | 106-362 | 21.00 | 19.00 | 17.00 | 14.00 |
| 0.0022 | 952-0295 | 21.00 | 19.00 | 17.00 | 14.00 |
| 0.0047 | 106-363 | 24.00 | 22.00 | 21.00 | -- |
| 0.0047 | 952-0309 | 24.00 | 23.00 | 23.00 | -- |
| 0.01 | 106-364 | 28.00 | 25.00 | 24.00 | 20.00 |
| 0.01 | 952-0317 | 28.00 | 27.00 | 25.00 | 22.00 |
| 0.022 | 106-365 | 38.00 | 33.00 | 30.00 | 31.00 |
| 0.022 | 952-0325 | 38.00 | 33.00 | 30.00 | 29.00 |
| 0.047 | 106-366 | 44.00 | 43.00 | 40.00 | 38.00 |
| 0.047 | 952-0333 | 44.00 | 40.00 | 36.00 | 33.00 |
| 0.1 | 106-367 | 68.00 | 68.00 | -- | -- |
| 0.1 | 952-0341 | 68.00 | 68.00 | -- | -- |
| 0.22 | 106-368 | 144.00 | 129.00 | 123.00 | 109.00 |
| 0.22 | 952-0350 | 144.00 | 129.00 | 117.00 | -- |
| 0.47 | 106-369 | 278.00 | 250.00 | 223.00 | 192.00 |
| 0.47 | 952-0368 | 278.00 | 250.00 | 223.00 | 192.00 |

1500 Volt d. c. (450 Volt a. c.)

| 1500 Volt d. c. | | Dimensions | | Order Code |
|-----------------|-----|------------|------|------------|
| μF | nF | L | Dia. | |
| 0.01 | 10 | 28 | 10 | 106-370 |
| 0.01 | 10 | 28 | 10 | 952-0376 |
| 0.022 | 22 | 28 | 13 | 106-371 |
| 0.022 | 22 | 28 | 13 | 952-0384 |
| 0.047 | 47 | 33 | 16 | 106-372 |
| 0.047 | 47 | 33 | 16 | 952-0392 |
| 0.1 | 100 | 33 | 22 | 106-373 |
| 0.1 | 100 | 33 | 22 | 952-0406 |

Order Multiple=5

| 1500 Volt d.c. | | Price Each | | | |
|----------------|------------|------------|-------|-------|-------|
| μF | Order Code | 5+ | 25+ | 100+ | 500+ |
| 0.01 | 106-370 | 30.00 | 28.00 | 28.00 | 25.00 |
| 0.01 | 952-0376 | 30.00 | 26.00 | 24.00 | 21.00 |
| 0.022 | 106-371 | 33.00 | 32.00 | 31.00 | 28.00 |
| 0.022 | 952-0384 | 33.00 | 30.00 | 27.00 | 25.00 |
| 0.047 | 106-372 | 44.00 | 39.00 | 35.00 | 31.00 |
| 0.047 | 952-0392 | 44.00 | 40.00 | -- | -- |
| 0.1 | 106-373 | 99.00 | 90.00 | 80.00 | 77.00 |
| 0.1 | 952-0406 | 99.00 | 90.00 | 80.00 | 72.00 |

Polystyrene

An extremely low loss dielectric with low dielectric absorption, good long term stability, very high insulation resistance, and a small negative temperature coefficient. Suitable for tuned circuits, filter networks, timing circuits and other high stability applications whilst being physically smaller than Mica.

EXFS/HR Series – 63 Volt d.c. (40 Volt a.c.)



- Extended foil radial polystyrene
- Flame retardant epoxy resin case
- High rise shape allows high packing density

H=13
Lead length=4±1
Lead dia.=0.6



Drilling plan

| | | | |
|-------------------------|----------------|---------------------|-------------------------|
| Operating temperature | -40°C to +70°C | Climate category | 40/70/56 |
| Insulation resistance | 500000MΩ | Tolerance | ±1% or 1.5pF whichever> |
| Temperature coefficient | -110±60ppm/°C | Power factor @ 1kHz | 0.0005 |

Note: 10,000pF is Polypropylene material, MKP/HR Series

208627

| | | Price Each | | | | |
|-------|------------|------------|-------|-------|-------|----|
| pF | Order Code | 1+ | 25+ | 50+ | 100+ | + |
| 100 | 106-058 | 78.00 | 73.00 | 68.00 | 56.00 | -- |
| 100 | 952-0180 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 150 | 106-060 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 150 | 952-0198 | 62.00 | 58.00 | 54.00 | 45.00 | -- |
| 220 | 106-062 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 220 | 952-0201 | 62.00 | 58.00 | 54.00 | 45.00 | -- |
| 330 | 106-063 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 330 | 952-0210 | 62.00 | 58.00 | 54.00 | 45.00 | -- |
| 470 | 106-064 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 470 | 952-0228 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 1000 | 106-067 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 1000 | 952-0236 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 2200 | 106-068 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 2200 | 952-0244 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 3300 | 106-069 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 3300 | 952-0252 | 62.00 | 58.00 | 54.00 | 47.00 | -- |
| 4700 | 106-070 | 66.00 | 61.00 | 56.00 | 51.00 | -- |
| 4700 | 952-0260 | 66.00 | 61.00 | 56.00 | 48.00 | -- |
| 6800 | 106-072 | 66.00 | 61.00 | 56.00 | 51.00 | -- |
| 6800 | 952-0279 | 66.00 | 61.00 | 56.00 | 51.00 | -- |
| 10000 | 335-8951 | 55.00 | 53.00 | 52.00 | 40.00 | -- |
| 10000 | 952-0830 | 55.00 | 53.00 | 52.00 | 37.00 | -- |

FSC Series – 160 Volt d.c. (40 Volt a.c.)



Lead dia 0.4 for C ≤330pF 0.6 for C >330pF

- Low cost polystyrene axial capacitors
- Small size high performance

| | | | |
|-------------------------|----------------|---------------------|------------------|
| Operating temperature | -40°C to +85°C | Tolerance | 1pF for C ≤33p |
| Insulation resistance | 500000MΩ | | 2.5% for C >33pF |
| Temperature coefficient | N 150±50ppm/°C | Power factor @ 1kHz | 0.0005 |
| Climate category | 40/85/56 | | |

| pF | Dimensions | | Order Code | pF | Dimensions | | Order Code |
|-----|------------|------|------------|-------|------------|------|------------|
| | L | Dia. | | | L | Dia. | |
| 10 | 8 | 4 | 105-054 | 470 | 12 | 5 | 105-064 |
| 10 | 8 | 4 | 951-9955 | 470 | 12 | 5 | 952-0058 |
| 15 | 8 | 4 | 105-055 | 680 | 12 | 5 | 105-065 |
| 15 | 8 | 4 | 951-9963 | 680 | 12 | 5 | 952-0066 |
| 22 | 8 | 4 | 105-056 | 1000 | 12 | 5 | 105-066 |
| 22 | 8 | 4 | 951-9971 | 1000 | 12 | 5 | 952-0074 |
| 33 | 8 | 4 | 105-057 | 1200 | 10 | 8 | 105-887 |
| 33 | 8 | 4 | 951-9980 | 1200 | 10 | 8 | 952-0090 |
| 47 | 8 | 4 | 105-058 | 1500 | 10 | 8 | 105-888 |
| 47 | 8 | 4 | 951-9998 | 1500 | 10 | 8 | 952-0104 |
| 56 | 8 | 4 | 105-886 | 2200 | 10 | 8 | 105-889 |
| 56 | 8 | 4 | 952-0082 | 2200 | 10 | 8 | 952-0112 |
| 68 | 8 | 4 | 105-059 | 2700 | 10 | 8 | 105-890 |
| 68 | 8 | 4 | 952-0007 | 2700 | 10 | 8 | 952-0120 |
| 100 | 8 | 4 | 105-060 | 3300 | 10 | 8 | 105-891 |
| 100 | 8 | 4 | 952-0015 | 3300 | 10 | 8 | 952-0139 |
| 120 | 8 | 4 | 105-895 | 4700 | 15 | 9.5 | 105-892 |
| 150 | 8 | 4 | 105-061 | 4700 | 15 | 9.5 | 952-0147 |
| 150 | 8 | 4 | 952-0023 | 6800 | 15 | 9.5 | 105-893 |
| 220 | 8 | 4 | 105-062 | 6800 | 15 | 9.5 | 952-0155 |
| 220 | 8 | 4 | 952-0031 | 10000 | 20 | 15 | 105-894 |
| 330 | 8 | 4 | 105-063 | 10000 | 20 | 15 | 952-0163 |
| 330 | 8 | 4 | 952-0040 | | | | |

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| | | Price Each | | | |
|----|--------------|------------|-------|-------|-------|
| pF | Order Code | 1+ | 50+ | 100+ | 1K+ |
| 10 | 105-054 | 93.00 | 79.00 | 65.00 | 54.00 |
| 10 | NEW 951-9955 | 93.00 | 79.00 | 65.00 | 54.00 |
| 15 | 105-055 | 93.00 | 79.00 | 65.00 | 54.00 |
| 15 | NEW 951-9963 | 93.00 | 79.00 | 65.00 | 51.00 |
| 22 | 105-056 | 93.00 | 79.00 | 65.00 | 54.00 |
| 22 | NEW 951-9971 | 93.00 | 79.00 | 65.00 | 51.00 |
| 33 | 105-057 | 93.00 | 79.00 | 65.00 | 54.00 |
| 33 | NEW 951-9980 | 93.00 | 79.00 | 65.00 | 51.00 |
| 47 | 105-058 | 93.00 | 79.00 | 65.00 | 51.00 |
| 47 | NEW 951-9998 | 93.00 | 79.00 | 65.00 | 51.00 |
| 56 | 105-886 | 97.00 | 82.00 | 68.00 | 53.00 |
| 56 | 952-0082 | 97.00 | 82.00 | 68.00 | 53.00 |

Capacitors

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Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available