

Capacitor Type

PP

POLYPROPYLENE-FOIL
SELF CASED · AXIAL
LEADS

MICROMATIC®

TOLERANCE:
Available in ± 1, 2, 2.5, 5, 10%

CONSTRUCTION:
Non-inductively constructed with polypropylene dielectric and tin-lead foil. Extended dielectric.

CASE:
Self cased using heat shrinkable polypropylene.

OPERATING TEMPERATURE RANGE:
-55°C to +105°C.

DISSIPATION FACTOR:
.1% Max. @ 1KHz
.2% Max. Cap. ≥ .047μF

DIELECTRIC ABSORPTION:
.1%

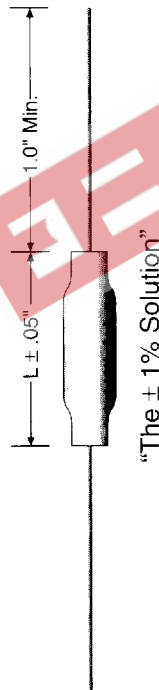
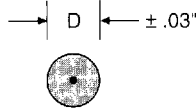
INSULATION RESISTANCE:
>50K MΩ x μF,
need not exceed 100K MΩ

WIRE LEADS:
#22 AWG (.025").

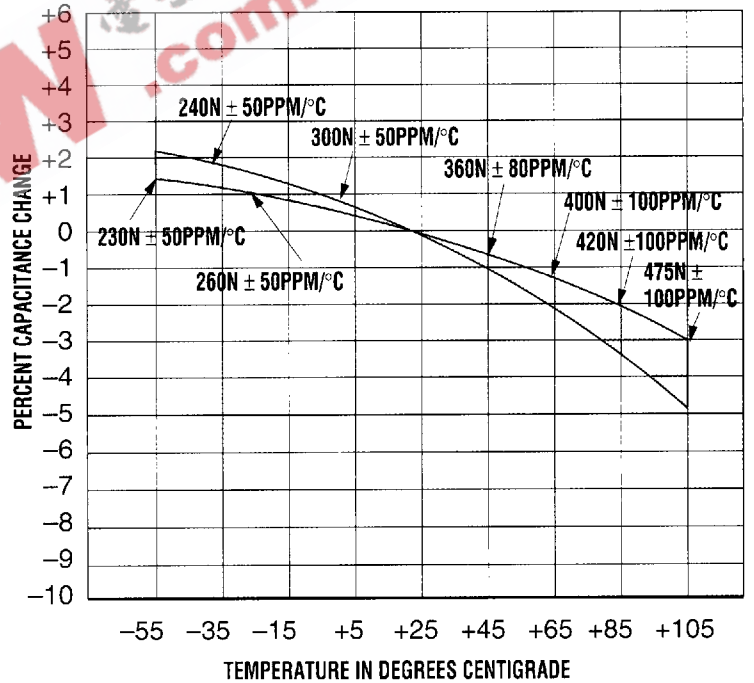
MARKING:
ITW®, capacitance in PF code, tolerance, voltage, P.

REEL PACKAGING:
Available for automatic insertion.

| PF CODE | VALUE μF | DIMENSIONS | | VOLTAGE VDC | TYPE PP |
|---------|-------------|------------|------|----------------|------------|
| | | D | L | | |
| 102 | .001 | .170 | .481 | 600 | 481 |
| 152 | .0015 | .180 | .481 | 400 | 481 |
| 222 | .0022 | .195 | .481 | 400 | 481 |
| 472 | .0047 | .175 | .460 | 250 | 460 |
| 103 | .01 | .225 | .460 | 250 | 460 |
| 153 | .015 | .245 | .460 | 250 | 460 |
| 223 | .022 | .275 | .460 | 250 | 460 |
| 273 | .027 | .260 | .580 | 250 | 580 |
| 333 | .033 | .280 | .580 | 250 | 580 |
| 473 | .047 | .320 | .580 | 250 | 580 |



CAPACITANCE CHANGE VS TEMPERATURE POLYPROPYLENE MICROMATIC®



EXAMPLE: .01 μF ± 1% 250 VDC =

| PF CODE | TOLERANCE | VOLTAGE | TYPE | CASE CODE | REEL PACK |
|---------|------------|--------------|------|-----------|---------------|
| 103 | F | 25 | PP | 460 | R |
| | F = ± 1% | 25 = 250 VDC | PP | 460 | Add R to |
| | G = ± 2% | 04 = 400 VDC | | 481 | part number |
| | H = ± 2.5% | 06 = 600 VDC | | 580 | when required |
| | J = ± 5% | | | | |
| | K = ± 10% | | | | |

HOW TO ORDER