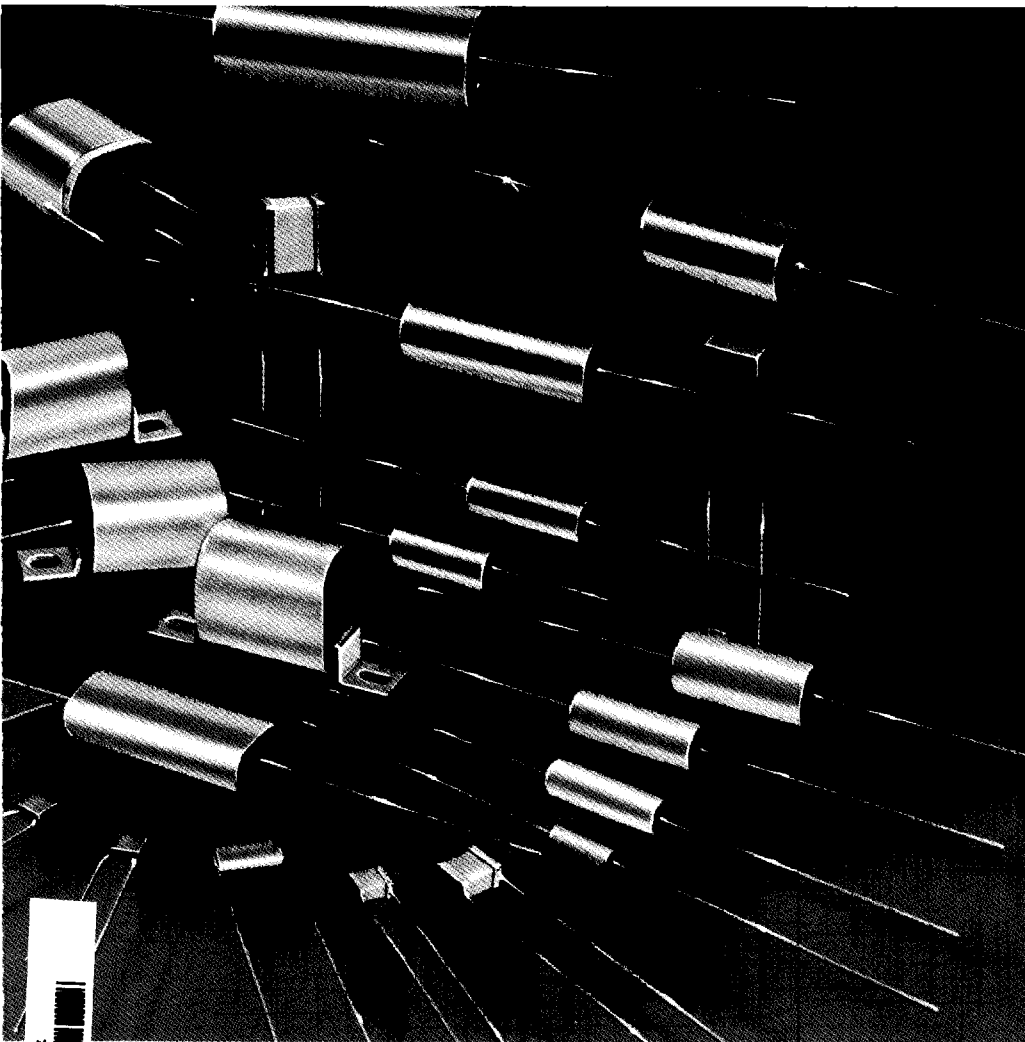


established reliability capacitors

TO MIL-C-39022/MIL-C-55514/MIL-C-83421



Electronic Concepts is a major military approved source for professional grade, high quality, high reliability film capacitors.

The reasons for this is an ability to not only anticipate the need for new capacitor designs to meet evolving military requirements — but also to design and build products for these needs.

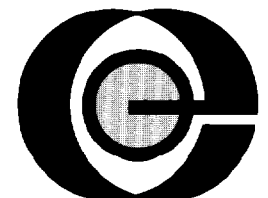
To this end, efforts are on-going in all areas of product development, encompassing the film dielectric, encapsulants and configuration design. The results are a constant flow of improvements in electrical and mechanical performance, reliability, and size/weight miniaturization.

Electronic Concepts is also the only capacitor manufacturer in the world to produce polycarbonate film dielectric in-house. This affords total control of all parameters of this most "critical to qualify" product component — and therefore a distinct advantage over other capacitor suppliers.

Additionally there's vertically integrated manufacturing; modern, automated production and a unique level of application engineering expertise. Working with all of these tools, Electronic Concepts will continue to redefine "sophistication" as it applies to film capacitors for future military requirements.

ELCIC001*

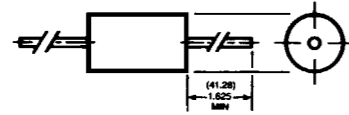
electronic concepts, inc.



established
reliability
capacitors

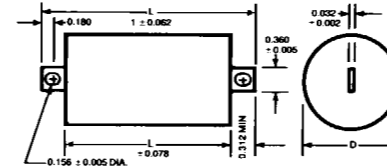
FIXED, PLASTIC DIELECTRIC, DC, IN NONMETAL CASES PER MIL-C-55514

STYLE
CFR02



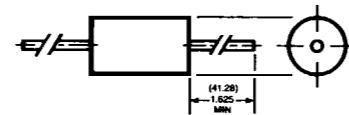
Dielectric: film
Characteristic M: polyester **Q:** polycarbonate
Construction: round configuration, axial leads
Capacitance values in MFD:
Characteristic "M"
.0068 thru 1.0 100V .0018 thru 1.0 400V
.0010 thru 1.0 200V .0010 thru 0.1 600V
Characteristic "Q"
.0010 thru 1.0 100V .0010 thru 1.0 200V
Capacitance tolerance:
"M" ± 2%, ± 5%, ± 10%
"Q" ± 1%, ± 2%, ± 5%, ± 10%

STYLE
CFR14



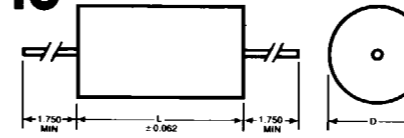
Dielectric: metallized polypropylene film
Characteristic L
Construction: round configuration, LUG terminations
Capacitance values in MFD:
1.0 thru 30.0 100V
1.0 thru 20.0 200V
1.0 thru 10.0 400V
Capacitance tolerance: ± 5%, ± 10%, ± 20%

STYLE
CFR05



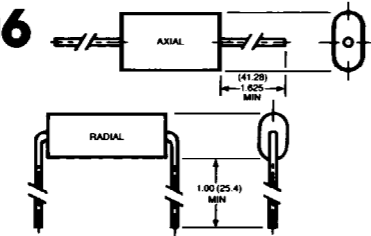
Dielectric: metallized polycarbonate film
Characteristic R
Construction: round configuration, axial leads
Capacitance values in MFD:
.0010 thru 50.0 50V .010 thru 10.0 200V
.0010 thru 20.0 100V .010 thru 5.0 400V
Capacitance tolerance: ± 1%, ± 2%, ± 5%, ± 10%

STYLE
CFR15



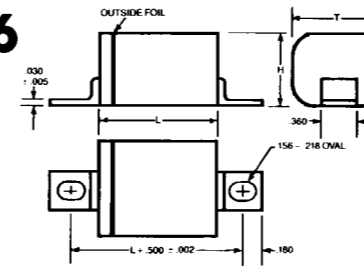
Dielectric: polypropylene film
Characteristic K
Construction: round configuration, axial leads
Capacitance values in MFD:
.012 thru 1.0 200V
.0068 thru 1.0 400V
.001 thru 1.0 600V
.0056 thru .56 800V
Capacitance tolerance: ± 5%, ± 10, ± 20%

STYLE
CFR06



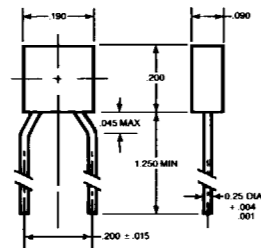
Dielectric: metallized film
Characteristic R: metallized polycarbonate
N: metallized polyester
Construction: oval configuration, axial or radial leads
Capacitance values in MFD:
Characteristic "R"
.0010 thru 50.0 50V .0010 thru 20.0 100V
Characteristic "N"
.010 thru 10.0 200V .010 thru 3.3 400V
Capacitance tolerance:
"R" ± 1%, ± 2%, ± 5%, ± 10%
"N" ± 2%, ± 5%, ± 10%

STYLE
CFR26



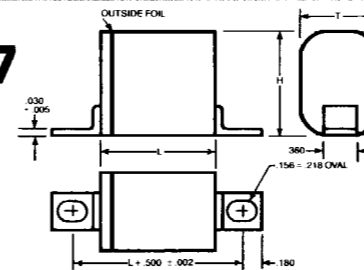
Dielectric: metallized polycarbonate film
Characteristic R
Construction: oval configuration, LUG terminations, low profile
Capacitance values in MFD:
10.0, 20.0, 50.0 50VDC
10.0, 20.0, 50.0 75VDC
5.0 thru 50.0 100VDC

STYLES
CFR12
CFR16



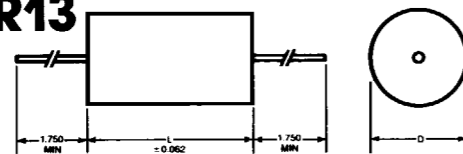
(CK05 size)
Dielectric: metallized polycarbonate plastic film
Construction: molded rectangular case, radial leads
Capacitance values in MFD:
.0010 thru .0033 250V .010 thru .018 100V
.0039 thru .0056 200V .022 thru .027 75V
.0068 thru .0082 150V .033 thru .056 50V
.068 thru 1.0 available in larger size CFR16, 50V
See MIL-C-55514/8C for additional information
Capacitance tolerance: ± 1%, ± 2%, ± 5%, ± 10%

STYLE
CFR27



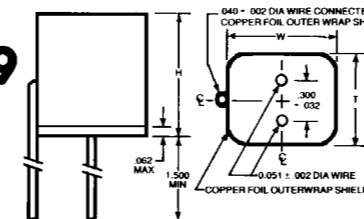
Dielectric: metallized polycarbonate film
Characteristic R
Construction: oval configuration, LUG terminations, high profile
Capacitance values in MFD:
10.0, 20.0, 50.0 50VDC
5.0 thru 50.0 75VDC
5.0 thru 50.0 100VDC

STYLE
CFR13



Dielectric: metallized polypropylene film
Characteristic L
Construction: round configuration, axial leads
Capacitance values in MFD:
1.0 thru 30.0 100V
1.0 thru 20.0 200V
1.0 thru 10.0 400V
Capacitance Tolerance: ± 5%, ± 10%, ± 20%

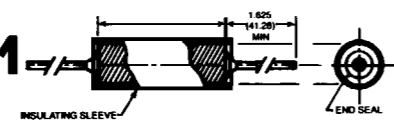
STYLE
CFR29



Dielectric: metallized polycarbonate film
Characteristic R
Construction: oval configuration, radial leads
Capacitance values in MFD:
10.0, 20.0, 50.0 50VDC
3.0 thru 50.0 75VDC
3.0 thru 50.0 100VDC

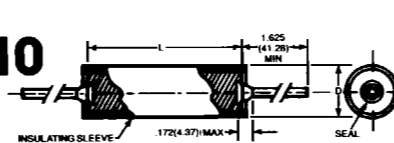
FIXED, METALLIZED PLASTIC FILM DIELECTRIC DC AND AC, HERMETICALLY SEALED PER MIL-C-39022

STYLE
CHR01



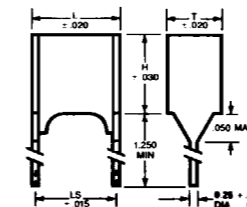
Dielectric: metallized polycarbonate film
Construction: hermetically sealed metal tube, axial leads
Capacitance values in MFD:
.0010 thru 22.0 available in 30VDC, 22 VAC @ 400Hz
.0010 thru 10.0 available in 50VDC, 36 VAC @ 400Hz
.0010 thru 10.0 available in 100VDC, 60 VAC @ 400Hz
.0010 thru 3.9 available in 200VDC, 120 VAC @ 400Hz
.0010 thru 2.0 available in 400VDC, 240 VAC @ 400Hz
Capacitance tolerance:
± 10%, ± 5%, ± 2%, ± 1%, ± 0.5%, ± 0.25%

STYLE
CHR10



Dielectric: metallized polycarbonate film
Construction: hermetically sealed metal tube, axial leads/circuits 1 and 3
Capacitance in MFD:
.047 thru 22.0 50VDC .01 thru 3.9 300VDC
.01 thru 22.0 100VDC .01 thru 2.7 400VDC
.01 thru 10.0 200VDC .01 thru 1.0 600VDC
Capacitance tolerance: ± 10%, ± 5%, ± 2%, ± 1%

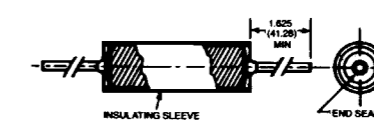
STYLE
CHR20
THRU
CHR25



Dielectric: metallized polycarbonate film
Construction: hermetically sealed in ceramic cases with metal end caps, radial leads
Capacitance in MFD:
CHR20 .033 thru 1.00 30VDC
CHR21 .01 thru .68 50VDC
CHR22 .056 thru .22 100VDC
CHR23-.0033 thru .10 150VDC
CHR24 .0022 thru .068 200VDC
CHR25 .0010 thru .039 300VDC
Capacitance tolerance: ± 10%, ± 5%, ± 2%, ± 1%

FIXED, METALLIZED PLASTIC FILM DIELECTRIC DC AND AC, HERMETICALLY SEALED IN METAL CASES PER MIL-C-83421

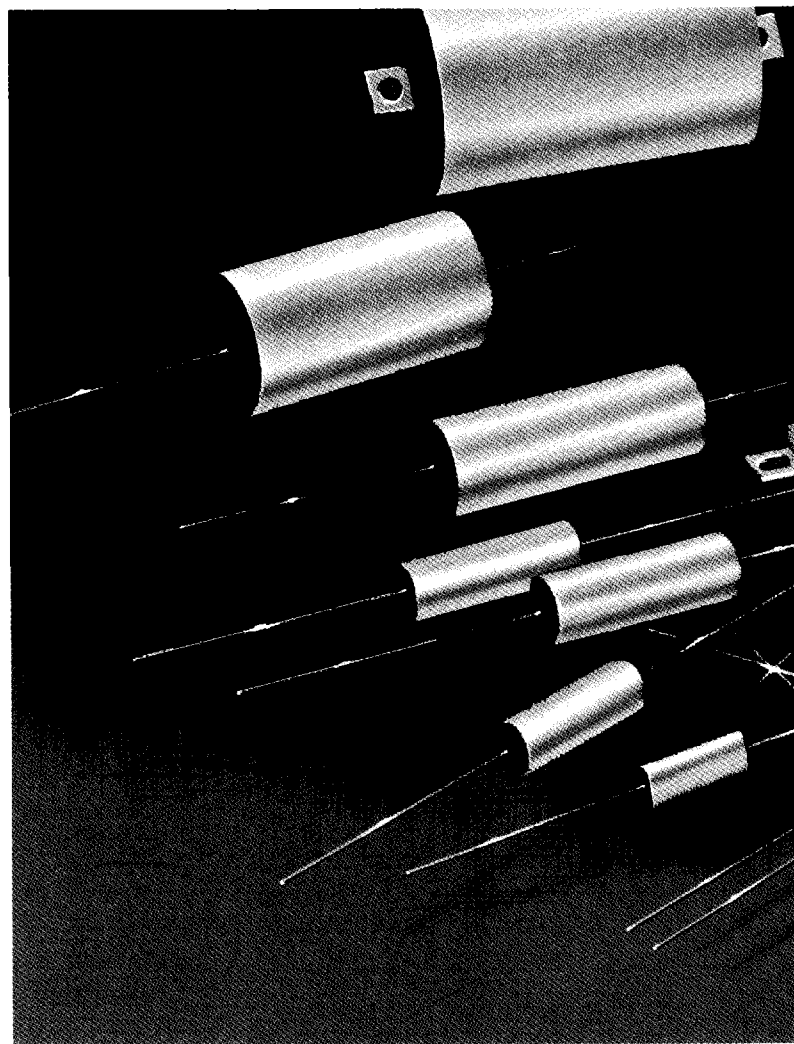
STYLE
CRH



Dielectric: metallized polycarbonate film
Construction: hermetically sealed metal tube, axial leads
Capacitance values in MFD:
.0010 thru 22.0 available in 30VDC, 22VAC @ 400Hz
.0010 thru 10.0 available in 50VDC, 36VAC @ 400Hz
.0010 thru 10.0 available in 100VDC, 60VAC @ 400Hz
.0010 thru 3.9 available in 200VDC, 120VAC @ 400Hz
.0010 thru 2.0 available in 400VDC, 240VAC @ 400Hz
Capacitance tolerance:
± 10%, ± 5%, ± 2%, ± 1%, ± 0.5%, ± 0.25%

established
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sales representatives
around the world



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