

## FILM CAPACITORS

Mil-C-19978

**CQ72**

**B**

**1**

**E**

**H**

**504**

**K**

**1**

MIL STYLE

CQR01  
CQR07  
CQR08  
CQR09  
CQR12  
CQR13  
CQR19  
CQR29  
CQR32  
CQR33  
CQR39  
CQR42  
CQR43

CQ04  
CQ05  
CQ06  
CQ07  
CQ08  
CQ09  
CQ10  
CQ11  
CQ12  
CQ13  
CQ20  
CQ72  
CQ82

\*DIELECTRIC AND TEMP

E= -65°C to +85°C  
K= -65°C to +125°C  
L= -30°C to +65°C  
M= -65°C to +85°C  
P= -65°C to +65°C  
Q= -55°C to +125°C  
S= -55°C to +125°C  
T= -65°C to +170°C

CASE STYLE

1= SINGLE SECTION  
(FLOATING CASE)  
3= SINGLE SECTION  
(GROUNDED CASE)

TERMINAL CONFIGURATION

A= AXIAL WIRES  
B= LUG TERMINAL  
C= THRD. STUD & NUTS  
D= PORCELIN PILLARS  
(GOOD TO 7,500 ft)  
E= PORCELIN PILLARS  
(GOOD TO 50,000 ft)  
F= RADIAL WIRES  
G= RADIAL PINS

CAPACITANCE IN PF

FIRST TWO DIGITS ARE THE SIGNIFICANT FIGURES. THE THIRD DIGIT IS THE NUMBER OF ZEROES TO FOLLOW.

TEST FREQUENCY  
1KHZ - 1MFD and less  
60HZ - over 1MFD

VOLTAGE

A= 50V  
B= 100V  
C= 200V  
E= 400V  
F= 600V  
G= 1 KV  
H= 1.5KV  
J= 2.0KV  
K= 2.5KV  
L= 3.0KV  
M= 4.0KV  
N= 5.0KV  
P= 6.0KV  
R= 7.5KV  
S= 10KV  
T= 12.5KV  
Z= 30V

TOLERANCE

G= 2%  
J= 5%  
K= 10%  
M= 20%

VIBRATION

1= 10 to 55 CPS  
3= 10 to 2000CPS

Characteristic and DIELECTRIC MATERIAL

E= PAPER/MYLAR OIL IMPREGNATED  
K= PAPER/MYLAR OIL IMPRGNATED  
L= POLYPROPYLENE AND FOIL  
M= MYLAR AND FOIL (NOT-IMPREG)  
P= POLYSTYRENE AND FOIL  
Q= POLYCARBONATE AND FOIL  
S= POLYSULFONE AND FOIL  
T= TEFLON AND FOIL

ALL CQ CAPACITORS ARE EXTENDED-FOIL



CQ04: UNINSULATED "K" CHARACTERISTIC  
 CQ05: INSULATED VERSION OF CQ04  
 CQ06: UNINSULATED "Q" CHARACTERISTIC  
 CQ07: INSULATED VERSION OF CQ06  
 CQR07: EST. REL. VERSION OF CQ07  
 CQ08: UNINSULATED, AVAILABLE IN  
 K, M, P, AND T CHARACTERISTICS  
 CQ09: INSULATED VERSION OF CQ08

CQR01: EST. REL. VERSION OF "S" CHARACTER  
 CQR07: EST. REL. VERSION OF CQ07  
 CQR09: EST. REL. VERSION OF CQ09 "K"  
 CQR19: EST. REL. REPLACEMENT FOR CPV09K  
 CQR29: EST. REL. REPLACEMENT FOR CQR09M  
 CQR39: EST. REL. REPLACEMENT FOR CQR09K



CQ10: LIKE CQ04 WITH BRACKET MOUNT  
 CQ12: LIKE CQ08 WITH BRACKET MOUNT  
 CQR12: LIKE CQR09 WITH BRACKET MOUNT  
 CQR32: LIKE CQR29 WITH BRACKET MOUNT  
 CQR42: LIKE CQR39 WITH BRACKET MOUNT



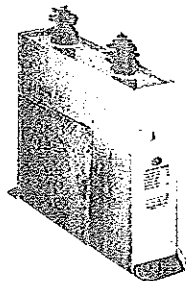
CQ11: LIKE CQ04 WITH THREADED NECK  
 CQ13: LIKE CQ08 WITH THREADED NECK  
 CQR13: LIKE CQR09 WITH THREADED NECK  
 CQR33: LIKE CQR29 WITH THREADED NECK  
 CQR43: LIKE CQR39 WITH THREADED NECK



CQ20: Hermetically sealed  
 in glass or ceramic  
 case "K" characteristic



CQ72: Deep-drawn case "E"  
 and "K" characteristic



CQ82: Extended-foil, characteristic  
 "L" 25,000VAC rating