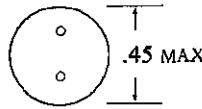
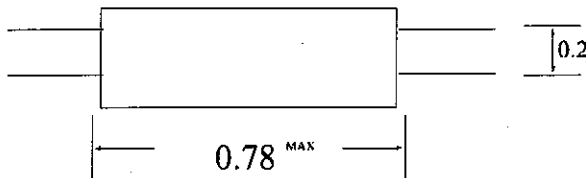


Film Capacitors

METALIZED POLYPHENYLENE SULFIDE

TAPE WRAPPED

EPOXY FILL



PART NUMBER S3095K

CAPACITANCE 0.68 mfd

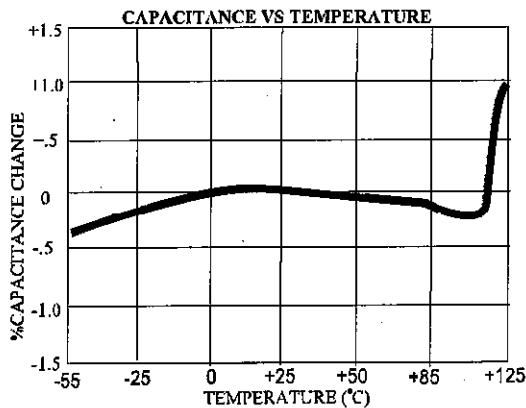
TOLERANCE $\pm 10\%$

VOLTAGE 100VDC

LEAD LENGTH = 1.0" MIN.

LEAD SIZE (AWG) = 4-24 AWG

TYPICAL CHARACTERISTICS



TEMPERATURE:

RATED VOLTAGE FROM -55°C TO +125°C.

DIELECTRIC VOLTAGE TEST:

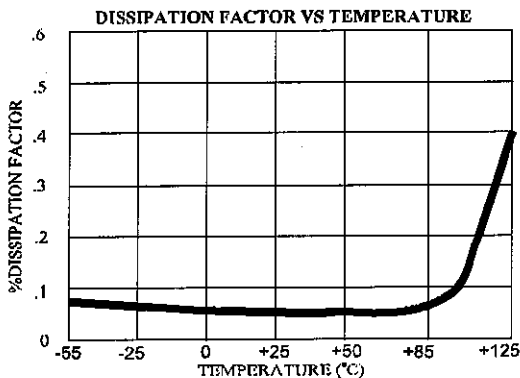
WILL WITHSTAND THE APPLICATION OF 200% RATED VOLTAGE, THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25°C. FOR A PERIOD OF TIME NOT TO EXCEED ONE MINUTE.

DISSIPATION FACTOR:

SHALL NOT EXCEED 0.3% AT 25°C.

MEASUREMENT CRITERIA:

MEASUREMENT FREQUENCY FOR CAPACITANCE AND DISSIPATION FACTOR SHALL BE 120 HZ.

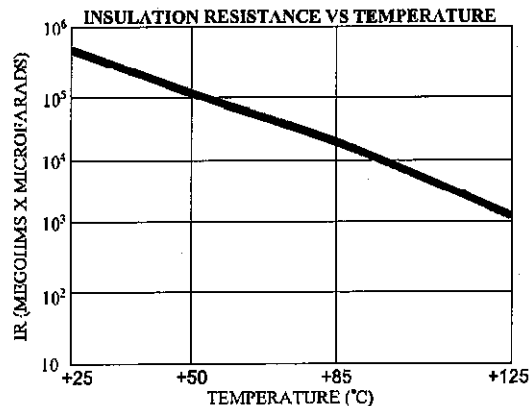


LIFE TEST:

WILL WITHSTAND THE APPLICATION OF 100% RATED VOLTAGE AT +125°C FOR 250 HRS. WITH NOT MORE THAN ONE FAILURE IN 12 PERMITTED.

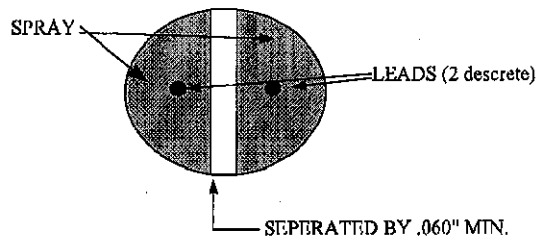
INSULATION RESISTANCE:

SHALL BE GREATER THAN 36000 MEGOHMS WHEN MEASURED AFTER 5 MINUTES ELECTRIFICATION AT RATED VOLTAGE AND 25° C.



SPECIAL NOTE:

UNIT HAS "DISCRETE LEADS"



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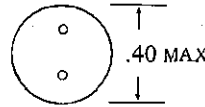
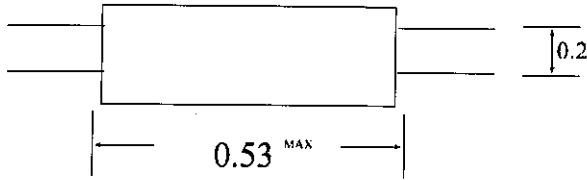
E-mail: sales@bishopelectronics.com

Film Capacitors

METALIZED POLYPHENYLENE SULFIDE

TAPE WRAPPED

EPOXY FILL

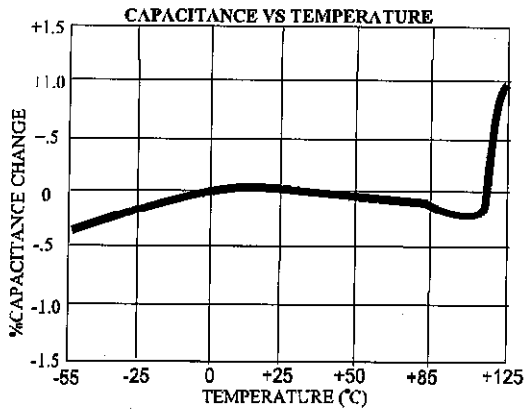


PART NUMBER S3096K
CAPACITANCE 0.10 mfd
TOLERANCE ±10 %
VOLTAGE 200VDC

LEAD LENGTH = 1.0" MIN.

LEAD SIZE (AWG) = 4-24 AWG

TYPICAL CHARACTERISTICS



TEMPERATURE:

RATED VOLTAGE FROM -55°C TO +125°C.

DIELECTRIC VOLTAGE TEST:

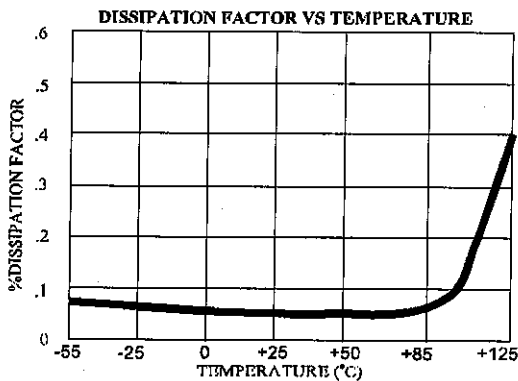
WILL WITHSTAND THE APPLICATION OF 200% RATED VOLTAGE, THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25°C. FOR A PERIOD OF TIME NOT TO EXCEED ONE MINUTE.

DISSIPATION FACTOR:

SHALL NOT EXCEED 0.3% AT 25°C.

MEASUREMENT CRITERIA:

MEASUREMENT FREQUENCY FOR CAPACITANCE AND DISSIPATION FACTOR SHALL BE 120 HZ.

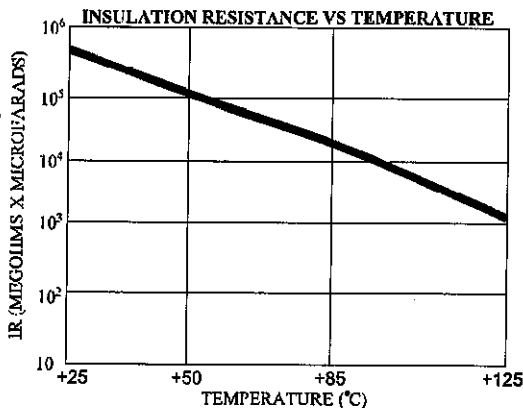


LIFE TEST:

WILL WITHSTAND THE APPLICATION OF 100% RATED VOLTAGE AT +125°C FOR 250 HRS. WITH NOT MORE THAN ONE FAILURE IN 12 PERMITTED.

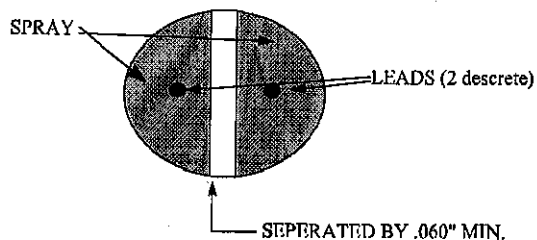
INSULATION RESISTANCE:

SHALL BE GREATER THAN 100,000 MEGOHMS WHEN MEASURED AFTER 5 MINUTES ELECTRIFICATION AT RATED VOLTAGE AND 25° C.



SPECIAL NOTE:

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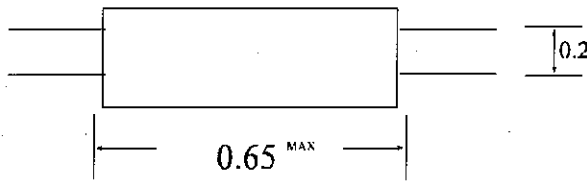
Rev A. 06/08/09
Rev B. 06/09/09

Film Capacitors

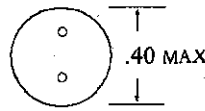
METALIZED POLYPHENYLENE SULFIDE

TAPE WRAPPED

EPOXY FILL



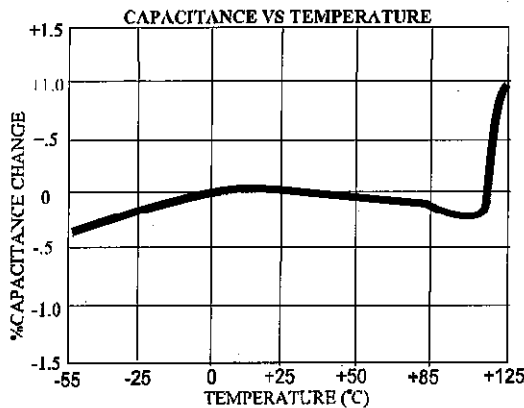
LEAD LENGTH = 1.0" MIN.



LEAD SIZE (AWG) = 4-24 AWG

PART NUMBER S3097K
 CAPACITANCE 0.47 mfd
 TOLERANCE ±10 %
 VOLTAGE 100VDC

TYPICAL CHARACTERISTICS



TEMPERATURE:

RATED VOLTAGE FROM -55°C TO +125°C.

DIELECTRIC VOLTAGE TEST:

WILL WITHSTAND THE APPLICATION OF 200% RATED VOLTAGE, THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25°C. FOR A PERIOD OF TIME NOT TO EXCEED ONE MINUTE.

DISSIPATION FACTOR:

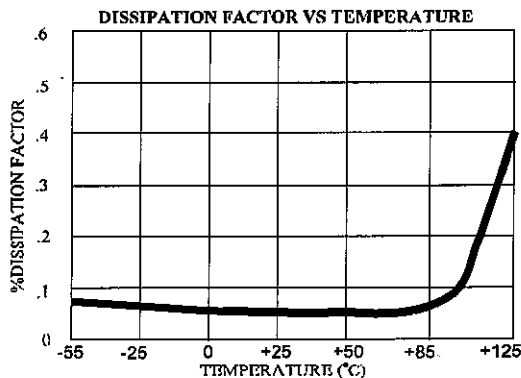
SHALL NOT EXCEED 0.3% AT 25°C.

MEASUREMENT CRITERIA:

MEASUREMENT FREQUENCY FOR CAPACITANCE AND DISSIPATION FACTOR SHALL BE 120 HZ.

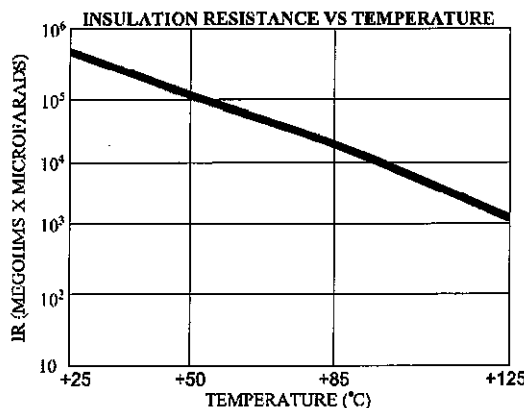
LIFE TEST:

WILL WITHSTAND THE APPLICATION OF 100% RATED VOLTAGE AT +125°C FOR 250 HRS. WITH NOT MORE THAN ONE FAILURE IN 12 PERMITTED.



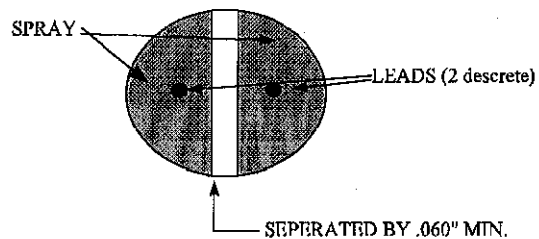
INSULATION RESISTANCE:

SHALL BE GREATER THAN 50000 MEGOHMS WHEN MEASURED AFTER 5 MINUTES ELECTRIFICATION AT RATED VOLTAGE AND 25° C.



SPECIAL NOTE:

UNIT HAS "DISCRETE LEADS"



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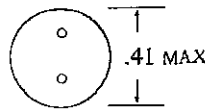
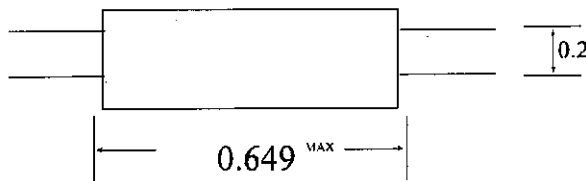
E-mail: sales@bishopelectronics.com

Film Capacitors

METALIZED POLYPHENYLENE SULFIDE

TAPE WRAPPED

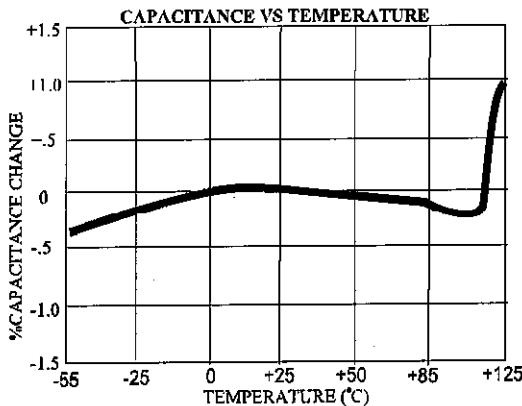
EPOXY FILL



PART NUMBER S3116
 CAPACITANCE 1.0 mfd
 TOLERANCE ±10 %
 VOLTAGE 50VDC

LEAD SIZE (AWG) = 4-22 AWG

TYPICAL CHARACTERISTICS



TEMPERATURE:

RATED VOLTAGE FROM -55°C TO +125°C.

DIELECTRIC VOLTAGE TEST:

WILL WITHSTAND THE APPLICATION OF 200% RATED VOLTAGE, THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25°C. FOR A PERIOD OF TIME NOT TO EXCEED ONE MINUTE.

DISSIPATION FACTOR:

SHALL NOT EXCEED 0.3% AT 25°C.

MEASUREMENT CRITERIA:

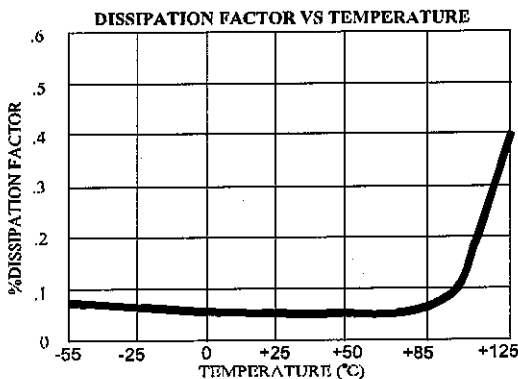
MEASUREMENT FREQUENCY FOR CAPACITANCE AND DISSIPATION FACTOR SHALL BE 120 HZ.

LIFE TEST:

WILL WITHSTAND THE APPLICATION OF 100% RATED VOLTAGE AT +125°C FOR 250 HRS. WITH NOT MORE THAN ONE FAILURE IN 12 PERMITTED.

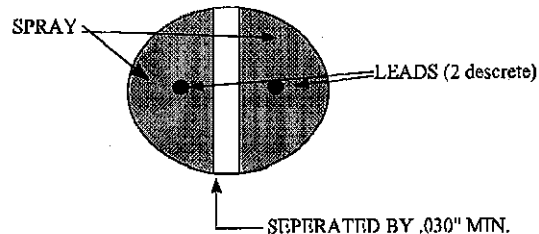
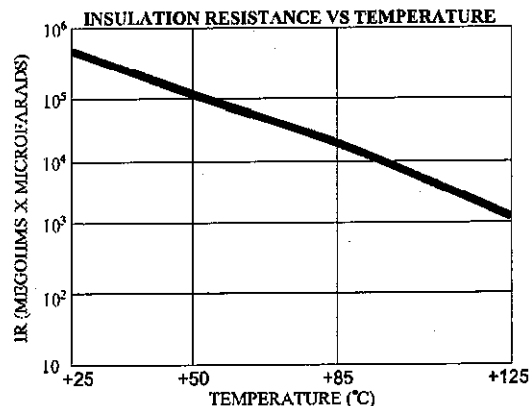
INSULATION RESISTANCE:

SHALL BE GREATER THAN 25000 MEGOHMS WHEN MEASURED AFTER 5 MINUTES ELECTRIFICATION AT RATED VOLTAGE AND 25° C.



SPECIAL NOTE:

UNIT HAS "DISCRETE LEADS"
 UNITS TESTED PER GESI-266



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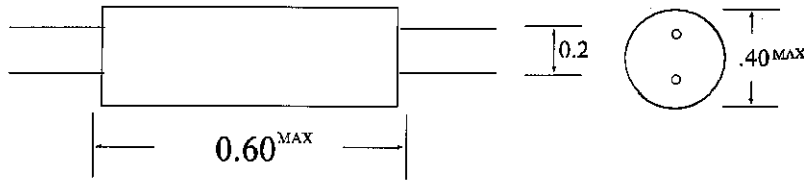
E-mail: sales@bishopelectronics.com

Film Capacitors

POLYCARBONATE AND FOIL

TAPE WRAPPED

EPOXY FILL



PART NUMBER C3110K
CAPACITANCE 0.0047 mfd
TOLERANCE ±10 %
VOLTAGE 200VDC

LEAD LENGTH = 2.0" ^{+0.50}/_{-0.50}

LEAD SIZE (AWG) = 4-24 AWG

TYPICAL CHARACTERISTICS

TEMPERATURE:

RATED VOLTAGE FROM -55°C TO +125°C.

DIELECTRIC VOLTAGE TEST:

WILL WITHSTAND THE APPLICATION OF 200% RATED VOLTAGE, THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25°C. FOR A PERIOD OF TIME NOT TO EXCEED ONE MINUTE.

DISSIPATION FACTOR:

SHALL NOT EXCEED 0.3% AT 25°C.

MEASUREMENT CRITERIA:

MEASUREMENT FREQUENCY FOR CAPACITANCE AND DISSIPATION FACTOR SHALL BE 1000Hz.

LIFE TEST:

WILL WITHSTAND THE APPLICATION OF 100% RATED VOLTAGE AT +125°C FOR 250 HRS. WITH NOT MORE THAN ONE FAILURE IN 12 PERMITTED.

TEMPERATURE CYCLE:

PER ALSTOM ENGINEERING SPEC GES1 -266.

BURN IN:

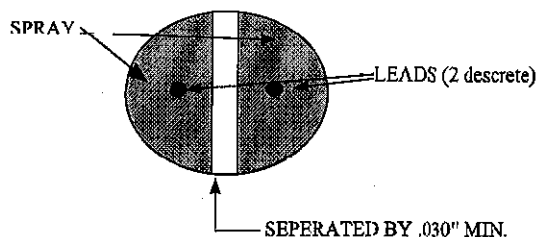
PER ALSTOM ENGINEERING SPEC GES1 -266.

INSULATION RESISTANCE:

SHALL BE GREATER THAN 36000 MEGOHMS WHEN MEASURED AFTER 5 MINUTES ELECTRIFICATION AT RATED VOLTAGE AND 25° C.

SPECIAL NOTE:

UNIT HAS "DISCRETE LEADS"



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Rev A. 10/05/09