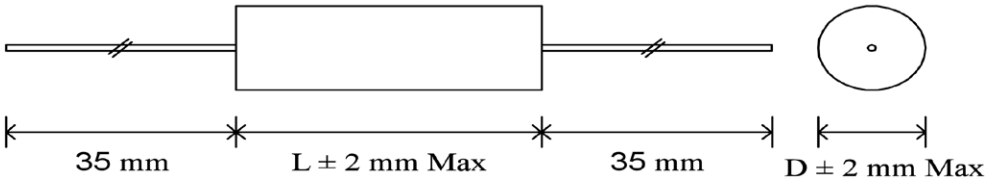
LCR CAPACITORS EU LTD

RoHS Compliant Manufacturing

AG SERIES 63V



These capacitors are constructed with polypropylene film which offers excellent properties e.g. Low dissipation, Low self inductance and E.S.R.

Wrapped in polyester tape, end filled with epoxy resin.

These capacitors are specially designed for use in the audio industry e.g. loudspeaker cross over networks in domestic, studio monitoring systems and Hi Fi's.

SPECIFICATION

Capacitance Range	1uF - 250uF
Capacitance Tolerance	± 5%, ± 10%, ± 20%
Rated Voltage	63 V DC
Dissipation Factor	<0.001 @ 1kHz & 20ºC ± 3ºC
Dielectric Absorbtion	<0.1% @ 20ºC ± 2ºC
Insulation Resistance	> 1 x 10^4 Mohms uF @ Rated Voltage
Terminations	Tinned Copper Wire
Temperature Range	-40ºC to + 85ºC
Test Voltage	1.5 x Working Voltage
Solderability	BS2011: Part 2.1T
Vibration	EN 60068 - 2 - 6 Test Fc 10 to 500 hz 0.75 mm or 100 m/s
Bump Test	EN 60068 - 2 - 29 Test Eb 400 m/s2 1000 ± 10 bumps
Approvals	BS, EN, ISO 9001-2008

Capacitance uF	Length mm	Diameter mm
1 uF	35.0	8.5
2 uF	35.0	11.5
3 uF	35.0	13.5
4 uF	35.0	15.0
5 uF	35.0	17.5
6.8 uF	45.0	16.5
8.2 uF	45.0	18.0
10 uF	45.0	20.0
12 uF	45.0	21.5
15 uF	45.0	24.0
20 uF	45.0	27.0
25 uF	60.0	25.0
30 uF	60.0	27.5
35 uF	60.0	30.0
40 uF	60.0	31.5
50 uF	60.0	35.0
60 uF	60.0	38.5
68 uF	85.0	34.0
75 uF	85.0	36.0
82 uF	85.0	37.5
100 uF	85.0	41.0
110 uF	85.0	43.0
120 uF	85.0	44.5
130 uF	85.0	46.0
150 uF	85.0	50.0
160 uF	110.0	44.0
180 uF	110.0	47.0
200 uF	110.0	49.0
250 uF	110.0	55.0

LCR CAPACITORS (EU) Ltd
Unit 18, Rassau Ind. Est, Rassau, Ebbw Vale, Gwent, NP23 5SD
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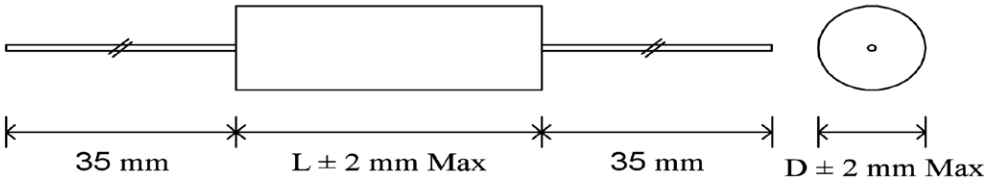
RoHS Compliant Manufacturing

AG SERIES 160V



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SPECIFICATION

Capacitance Range	1uF - 250uF
Capacitance Tolerance	± 5%, ± 10%, ± 20%
Rated Voltage	160 V DC
Dissipation Factor	<0.001 @ 1kHz & 20ºC ± 3ºC
Dielectric Absorbtion	<0.1% @ 20ºC ± 2ºC
Insulation Resistance	> 1 x 10^4 Mohms uF @ Rated Voltage
Terminations	Tinned Copper Wire
Temperature Range	-40ºC to + 85ºC
Test Voltage	1.5 x Working Voltage
Solderability	BS2011: Part 2.1T
Vibration	EN 60068 - 2 - 6 Test Fc 10 to 500 hz 0.75 mm or 100 m/s
Bump Test	EN 60068 - 2 - 29 Test Eb 400 m/s2 1000 ± 10 bumps
Approvals	BS, EN, ISO 9001-2008

Capacitance uF	Length mm	Diameter mm
1 uF	35.0	8.5
2 uF	35.0	11.5
3 uF	35.0	13.5
4 uF	35.0	15.0
5 uF	35.0	17.5
6.8 uF	45.0	16.5
8.2 uF	45.0	18.0
10 uF	45.0	20.0
12 uF	45.0	21.5
15 uF	45.0	24.0
20 uF	45.0	27.0
25 uF	60.0	25.0
30 uF	60.0	27.5
35 uF	60.0	30.0
40 uF	60.0	31.5
50 uF	60.0	35.0
60 uF	60.0	38.5
68 uF	85.0	34.0
75 uF	85.0	36.0
82 uF	85.0	37.5
100 uF	85.0	41.0
110 uF	85.0	43.0
120 uF	85.0	44.5
130 uF	85.0	46.0
150 uF	85.0	50.0
160 uF	110.0	44.0
180 uF	110.0	47.0
200 uF	110.0	49.0
250 uF	110.0	55.0

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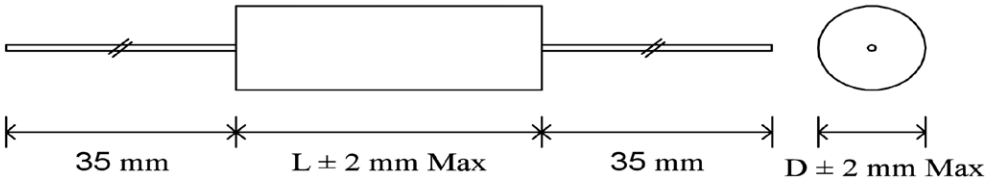
RoHS Compliant Manufacturing

AG SERIES 250V



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SPECIFICATION

Capacitance Range	1uF - 200uF
Capacitance Tolerance	± 5%, ± 10%, ± 20%
Rated Voltage	250 V DC
Dissipation Factor	<0.001 @ 1kHz & 20ºC ± 3ºC
Dielectric Absorbtion	<0.1% @ 20ºC ± 2ºC
Insulation Resistance	> 1 x 10^4 Mohms uF @ Rated Voltage
Terminations	Tinned Copper Wire
Temperature Range	-40ºC to + 85ºC
Test Voltage	1.5 x Working Voltage
Solderability	BS2011: Part 2.1T
Vibration	EN 60068 - 2 - 6 Test Fc 10 to 500 hz 0.75 mm or 100 m/s
Bump Test	EN 60068 - 2 - 29 Test Eb 400 m/s2 1000 ± 10 bumps
Approvals	BS, EN, ISO 9001-2008

Capacitance uF	Length mm	Diameter mm
1 uF	35.0	12.0
2 uF	35.0	16.5
3 uF	35.0	20.0
4 uF	45.0	19.0
5 uF	45.0	21.0
6.8 uF	45.0	24.5
8.2 uF	45.0	27.0
10 uF	45.0	29.0
12 uF	60.0	26.5
15 uF	60.0	30.0
20 uF	60.0	33.5
25 uF	60.0	37.5
30 uF	60.0	41.0
35 uF	85.0	36.0
40 uF	85.0	38.0
50 uF	85.0	42.5
60 uF	85.0	46.0
68 uF	85.0	49.0
75 uF	85.0	51.0
82 uF	85.0	47.0
100 uF	110.0	52.0
110 uF	110.0	54.0
120 uF	110.0	57.0
130 uF	110.0	59.0
150 uF	110.0	63.0
160 uF	110.0	65.0
180 uF	110.0	68.5
200 uF	110.0	72.0

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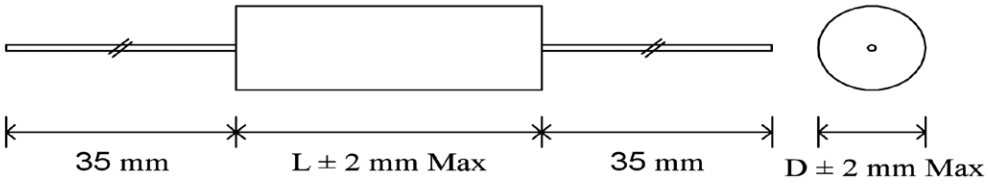
RoHS Compliant Manufacturing

AG SERIES 400V



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Capacitance uF	Length mm	Diameter mm
1 uF	35.0	16.0
2 uF	35.0	21.5
3 uF	45.0	22.0
4 uF	45.0	25.0
5 uF	45.0	28.0
6.8 uF	45.0	32.0
8.2 uF	60.0	29.0
10 uF	60.0	33.0
12 uF	60.0	36.0
15 uF	85.0	33.0
20 uF	85.0	37.0
25 uF	85.0	41.0
30 uF	85.0	45.0
35 uF	85.0	48.0
40 uF	85.0	51.0
50 uF	110.0	49.0
60 uF	110.0	54.0
68 uF	110.0	57.0
75 uF	110.0	59.0
82 uF	110.0	62.0
100 uF	110.0	68.0

SPECIFICATION

Capacitance Range	1uF - 100uF
Capacitance Tolerance	± 5%, ± 10%, ± 20%
Rated Voltage	400 V DC
Dissipation Factor	<0.001 @ 1kHz & 20ºC ± 3ºC
Dielectric Absorbtion	<0.1% @ 20ºC ± 2ºC
Insulation Resistance	> 1 x 10^4 Mohms uF @ Rated Voltage
Terminations	Tinned Copper Wire
Temperature Range	-40ºC to + 85ºC
Test Voltage	1.5 x Working Voltage
Solderability	BS2011: Part 2.1T
Vibration	EN 60068 - 2 - 6 Test Fc 10 to 500 hz 0.75 mm or 100 m/s
Bump Test	EN 60068 - 2 - 29 Test Eb 400 m/s2 1000 ± 10 bumps
Approvals	BS, EN, ISO 9001-2008

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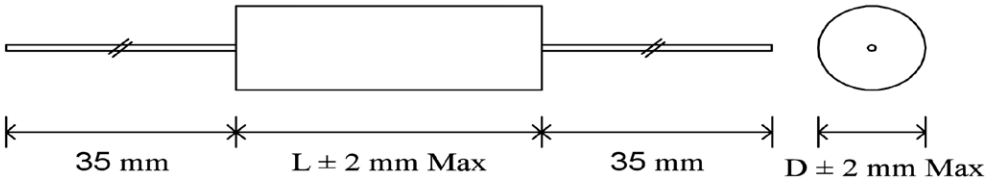
RoHS Compliant Manufacturing

AG SERIES 630V



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Capacitance uF	Length mm	Diameter mm
.1 uF	35.0	7.0
.22 uF	35.0	9.5
.47 uF	35.0	13.5
.68 uF	35.0	16.0
1 uF	45.0	18.5
2 uF	45.0	24.0
3 uF	45.0	28.0
4 uF	60.0	27.0
5 uF	60.0	29.5
6.8 uF	60.0	34.0
8.2 uF	60.0	36.5
10 uF	85.0	33.0
12 uF	85.0	36.0
15 uF	85.0	39.5
20 uF	85.0	45.0
25 uF	85.0	50.0
30 uF	110.0	47.5
35 uF	110.0	51.0
40 uF	110.0	54.5
50 uF	110.0	60.5

SPECIFICATION

Capacitance Range	0.1uF - 50uF
Capacitance Tolerance	± 5%, ± 10%, ± 20%
Rated Voltage	630 V DC
Dissipation Factor	<0.001 @ 1kHz & 20ºC ± 3ºC
Dielectric Absorbtion	<0.1% @ 20ºC ± 2ºC
Insulation Resistance	> 1 x 10^4 Mohms uF @ Rated Voltage
Terminations	Tinned Copper Wire
Temperature Range	-40ºC to + 85ºC
Test Voltage	1.5 x Working Voltage
Solderability	BS2011: Part 2.1T
Vibration	EN 60068 - 2 - 6 Test Fc 10 to 500 hz 0.75 mm or 100 m/s
Bump Test	EN 60068 - 2 - 29 Test Eb 400 m/s2 1000 ± 10 bumps
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