Aluminum Capacitors
4-Terminal, Tubular, Axial Lead

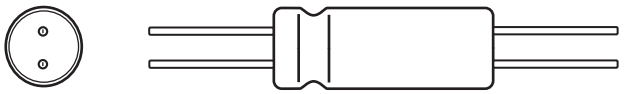


Fig.1 Component outlines.

FEATURES

- 4-Terminal construction
- Very low impedance
- Inductance limit 2nH
- Wide temperature range
- Available on special order - Call Buy/Resale Division for part numbers and specifications

QUICK REFERENCE DATA	
DESCRIPTION	**VALUE**
Nominal case size ØD x L in mm	20.625 x 46.812 to 26.975 x 97.612
Operating temperature	- 55 °C to + 105 °C
Rated Capacitance range, C_R	47 µF to 22000 µF
Tolerance on C_R	- 10 %, + 50 %
Rated voltage range, U_R	5 WVDC to 200 WVDC
Termination	4-terminal
Life validation test 2000 hours at 105 °C	Δ CAP ± 15 % from initial measurement. Δ ESR < 1.5 x initial specified limit. Δ DCL < initial specified limit
Shelf life 500 hours at 105 °C	500 hours: C < 10 % from initial measurement. Δ ESR < 1.2 x initial specified limit. Δ DCL < 2.0 x initial specified
DC leakage current $I = K\sqrt{CV}$	K is a constant: 0.5 at - 25 °C, 3.0 at + 105 °C I in µA, C in µF, V in Volts

LOW TEMPERATURE PERFORMANCE	
CAPACITANCE RATIO C - 55 °C/C + 25 °C MINIMUM at 120 HZ	
Rated Voltage WVDC	**Capacitance Remaining**
5 - 50	75 %
51 - up	80 %
ESR RATIO ESR - 55 °C/ESR + 25 °C MAXIMUM at 120 Hz	
Rated Voltage WVDC	**Multiplier**
5 - 50	12
51 - up	18

RIPPLE CURRENT MULTIPLIERS

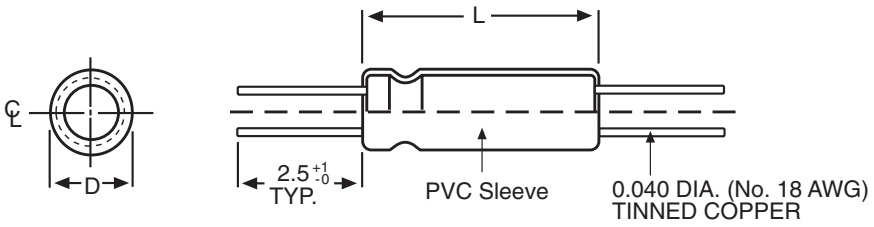
For ripple current values contact the factory.

DIMENSIONS in millimeters

CASE CODE	BARE CASE		OUTER INSULATION WITH POLYMER COATED END SEALS		LEAD SPACING
	D	L	D	L (MAX.)	S
GJ	19.050 ± 0.787	41.275 ± 1.575	20.625 ± 0.787	46.812	6.350 ± 0.381
GL	19.050 ± 0.787	53.975 ± 1.575	20.625 ± 0.787	59.512	6.350 ± 0.381
GP	19.050 ± 0.787	66.675 ± 1.575	20.625 ± 0.787	72.212	6.350 ± 0.381
GS	19.050 ± 0.787	79.375 ± 1.575	20.625 ± 0.787	84.912	6.350 ± 0.381
GT	19.050 ± 0.787	92.075 ± 1.575	20.625 ± 0.787	97.612	6.350 ± 0.381
HJ	22.225 ± 0.787	28.575 ± 1.575	23.800 ± 0.787	34.112	7.620 ± 0.381
HL	22.225 ± 0.787	66.675 ± 1.575	23.800 ± 0.787	72.212	7.620 ± 0.381
HP	22.225 ± 0.787	53.975 ± 1.575	23.800 ± 0.787	59.512	7.620 ± 0.381

DIMENSIONS in millimeters					
CASE CODE	**BARE CASE**		**OUTER INSULATION WITH POLYMER COATED END SEALS**		**LEAD SPACING**
	D	**L**	**D**	**L (MAX.)**	**S**
HS	22.225 ± 0.787	92.075 ± 1.575	23.800 ± 0.787	97.612	7.620 ± 0.381
HT	22.225 ± 0.787	79.375 ± 1.575	23.800 ± 0.787	84.912	7.620 ± 0.381
JJ	25.400 ± 0.787	41.275 ± 1.575	26.975 ± 0.787	46.812	10.160 ± 0.381
JL	25.400 ± 0.787	53.975 ± 1.575	26.975 ± 0.787	59.512	10.160 ± 0.381
JP	25.400 ± 0.787	66.675 ± 1.575	26.975 ± 0.787	72.212	10.160 ± 0.381
JS	25.400 ± 0.787	79.375 ± 1.575	26.975 ± 0.787	84.912	10.160 ± 0.381
JT	25.400 ± 0.787	92.075 ± 1.575	26.975 ± 0.787	97.612	10.160 ± 0.381

DIMENSIONS AND AVAILABLE FORMS



$\frac{0.040}{1.016}$ Diameter (No. 18 AWG) - Case Diameter G,H,J

ELECTRICAL DATA	
SYMBOL	**DESCRIPTION**
µF	rated capacitance
± %	F = 10 %, + 50 %
DC	voltage rating at 105 °C
GJ	see dimensions in millimeters table
7	termination

ORDERING EXAMPLE

Electrolytic capacitor 604D series

604D 272 F 005 GJ 7

Nominal case size: ∅20.625 × 46.812 mm