

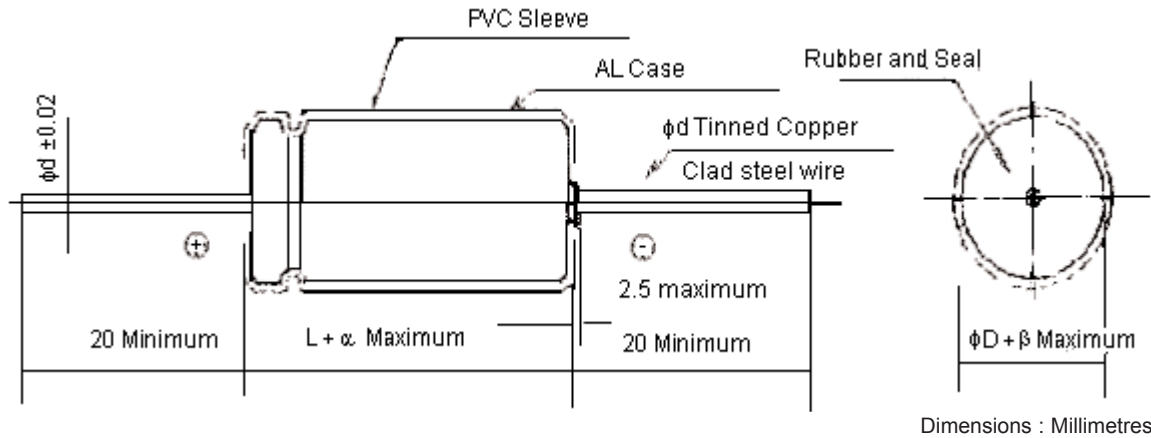


PART NO.

HT472M1VB-2242(E)

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Jagan	06/04/09	Suresh	06/04/09	Farnell	24/04/09



L	42
ϕD	22
ϕd	0.8
α	2.0
β	1.0

Dimensions : Millimetres

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DRAWN BY:

Shalini

DATE:

06/04/09

CHECKED BY:

Suresh

DATE:

06/04/09

APPROVED BY:

Farnell

DATE:

24/04/09

DRAWING TITLE:

4700 μ F Capacitor - 35VSIZE
A

DWG NO.

M10002060

ELECTRONIC FILE
67815_DWGREV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 3



PART NO.

HT472M1VB-2242(E)

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
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Item	Characteristic											
Operating Temperature Range	-40°C to +105°C											
Capacitance Tolerance	±20% (120Hz, 20°C)											
Capacitance	4700μF											
Rated Voltage	35V dc											
Surge Voltage	44V dc											
Leakage Current (at 20°C)	I ≤3290μA after 2 minutes											
Dissipation Factor (Tan δ at 120Hz, 20°C)	≤18% (120Hz, 20°C)											
Ripple Current (rms 120Hz)	1878mA, 105°C											
Low Temperature Characteristics (at 120Hz)	<table><tr><td colspan="2">Rated Voltage</td><td>35V</td></tr><tr><td rowspan="2">Impedance Ratio</td><td>Z (-25°C) / Z (+20°C)</td><td>3</td></tr><tr><td>Z (-40°C) / Z (+20°C)</td><td>8</td></tr></table>			Rated Voltage		35V	Impedance Ratio	Z (-25°C) / Z (+20°C)	3	Z (-40°C) / Z (+20°C)	8	
	Rated Voltage		35V									
	Impedance Ratio	Z (-25°C) / Z (+20°C)	3									
Z (-40°C) / Z (+20°C)		8										
Load Life After 1000 Hours Application of Rated Voltage at 105°C, Capacitors Meet the Characteristics, Requirements Listed at Right.	<table><tr><td>Leakage Current</td><td colspan="2">Initial specified value or less</td></tr><tr><td>Capacitance Change</td><td colspan="2">Within ±20% of initial value</td></tr><tr><td>Dissipation Factor</td><td colspan="2">Less than 200% of specified value</td></tr></table>			Leakage Current	Initial specified value or less		Capacitance Change	Within ±20% of initial value		Dissipation Factor	Less than 200% of specified value	
	Leakage Current	Initial specified value or less										
	Capacitance Change	Within ±20% of initial value										
Dissipation Factor	Less than 200% of specified value											
Shelf Life	After leaving capacitors under no load at 105°C for 1000 hours and applying voltage they meet the specified value for load life characteristics listed above.											
Standards	Satisfies characteristics W of JISC 5141											

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Jagan

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06/04/09

CHECKED BY:

Suresh

DATE:

06/04/09

APPROVED BY:

Farnell

DATE:

24/04/09

DRAWING TITLE:

4700µF Capacitor - 35V

SIZE
A

DWG NO.

M10002060

ELECTRONIC FILE
67815_DWGREV
A

SCALE: NTS

U.O.M.: mm

SHEET: 2 OF 3



PART NO.

HT472M1VB-2242(E)

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Part Number Table

Description	Part Number
Capacitor, 4700μF, 35V	HT472M1VB-2242(E)

<http://www.farnell.com><http://www.newark.com><http://www.cpc.co.uk>

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DRAWING TITLE:

4700μF Capacitor - 35V

SIZE
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SCALE: NTS

U.O.M.: mm

SHEET: 3 OF 3