



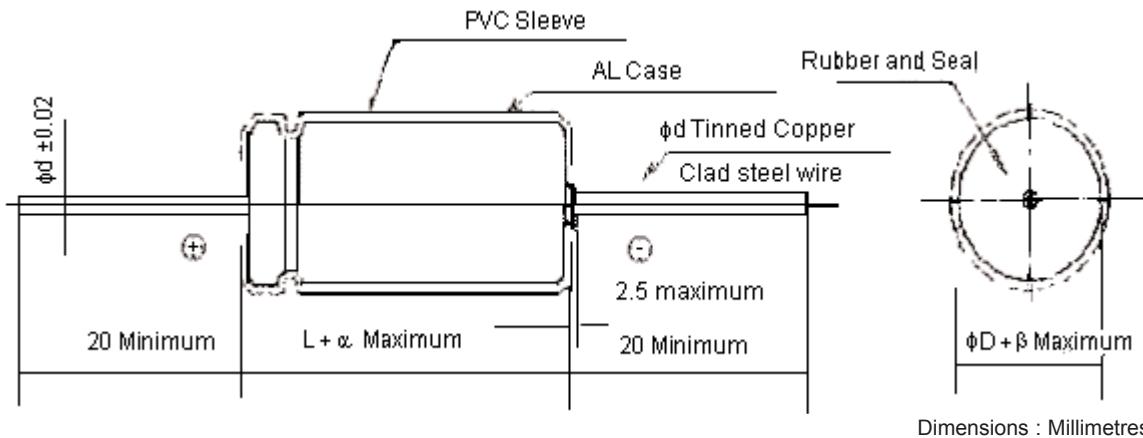
multicomp[®]

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

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2009.

TOLERANCES:
UNLESS OTHERWISE
SPECIFIED,
DIMENSIONS ARE
FOR REFERENCE
PURPOSES ONLY.

DRAWN BY:

Shalini

DATE:

06/04/09

DRAWING TITLE:

4700 μ F Capacitor - 35V

CHECKED BY:

Suresh

DATE:

06/04/09

APPROVED BY:

Farnell

DATE:

24/04/09

SIZE

A

DWG NO.

M10002060

ELECTRONIC FILE

67815_DWG

REV

A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 3

**multicomp**

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

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 border="1"> <thead> <tr> <th>Rated Voltage</th> <th>35V</th> </tr> </thead> <tbody> <tr> <td>Impedance Ratio</td> <td>Z (-25°C) / Z (+20°C)</td> </tr> <tr> <td></td> <td>3</td> </tr> <tr> <td></td> <td>Z (-40°C) / Z (+20°C)</td> </tr> <tr> <td></td> <td>8</td> </tr> </tbody> </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 border="1"> <thead> <tr> <th>Leakage Current</th> <th>Initial specified value or less</th> </tr> </thead> <tbody> <tr> <td>Capacitance Change</td> <td>Within ±20% of initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Less than 200% of specified value</td> </tr> </tbody> </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										

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2009.

TOLERANCES:
UNLESS OTHERWISE
SPECIFIED,
DIMENSIONS ARE
FOR REFERENCE
PURPOSES ONLY.

DRAWN BY:
Jagan
DATE:
06/04/09

CHECKED BY:
Suresh
DATE:
06/04/09

APPROVED BY:
Farnell
DATE:
24/04/09

DRAWING TITLE:
4700μF Capacitor - 35V

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002060	67815_DWG	A
SCALE: NTS		U.O.M.: mm	SHEET: 2 OF 3



multicomp[®]

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

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>

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2009.

TOLERANCES:
UNLESS OTHERWISE
SPECIFIED,
DIMENSIONS ARE
FOR REFERENCE
PURPOSES ONLY.

DRAWN BY:

Jagan

DATE:

06/04/09

DRAWING TITLE:

4700μF Capacitor - 35V

CHECKED BY:

Suresh

DATE:

06/04/09

SIZE

A

DWG NO.

M10002060

ELECTRONIC FILE

67815_DWG

REV

A

APPROVED BY:

Farnell

DATE:

24/04/09

SCALE: NTS

U.O.M.: mm

SHEET: 3 OF 3