

Data sheet Housing C18

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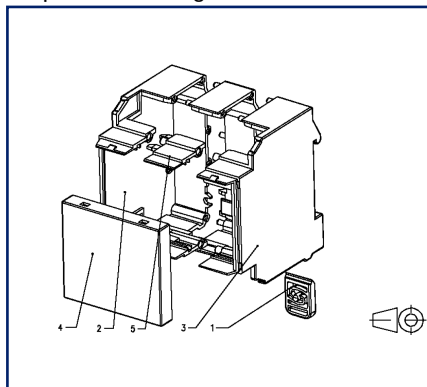
Version: H

Illustrations

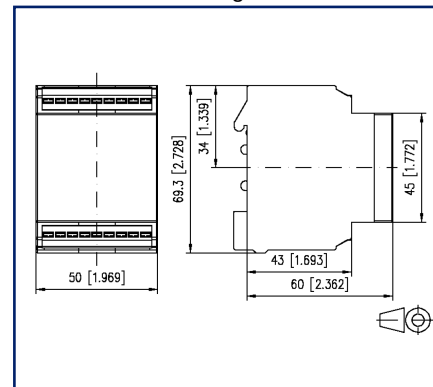


Illustration shows variants of the housing

Exploded drawing



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- DIN rail housing C18
- housing width 50 mm
- cap dimension 45 mm
- suitable for mounting on TH35 rail acc. to IEC 60715
- 2 x 9 connection poles
- screw and spring clamp solutions, RJ45 connection jacks
- housing is supplied in single parts



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Technical Data

General information The technical values refer to the completely assembled condition.

Housing

Dimensions

Dimension (W x H x D)	50 mm x 69.3 mm x 60 mm
Dimension (W x H x D)	1.969 in. x 2.728 in. x 2.362 in.
Number of connection poles	2 x 9 connection poles
Mounting style	Standard rail TH35
Protection category - housing (acc. to IEC 60529)	IP40
Protection category - terminal blocks (acc. to IEC 60529)	IP20

Material

Color

housing color	gray
Cover color	gray, transparent
Bolt color	black

Material

Material - Housing	PA 6.6 UL 94 V-0
UL file number material housing	E307234, E86034
Material - transparent cover	PC UL 94 V-2
UL file number material transparent cover	E41613
Material - gray cover	PC (polycarbonate)
Material - bolt	POM UL 94 HB
UL file number material bolt	E42337

Flammability class

Flammability class acc. to UL 94 - housing	V0
Flammability class acc. to UL 94 - transparent cover	V2
Flammability class acc. to UL 94 - gray cover	V2
Flammability class acc. to UL 94 - bolt	HB
Flammability class acc. to UL 94 - intermediate ring	V0

Thermal aging resistance housing material

RTI Elec acc. to UL 746B

Temperature °F (max.) - housing	130 °C / 266 °F
Temperature °F (max.) - cover (PC)	125 °C / 257 °F
Temperature °F (max.) - bolt	110 °C / 230 °F



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Technical Data

Thermal aging resistance housing material

acc. to ISO 75-1, -2

Temperature °F (1.8 MPa) - housing	85 °C / 185 °F
Temperature °F (0.45 MPa) - housing	185 °C / 365 °F
Temperature °F (1.8 MPa) - cover (PC)	125 °C / 257 °F
Temperature °F (0.45 MPa) - cover (PC)	137 °C / 279 °F
Temperature °F (1.8 MPa) - bolt	104 °C / 219 °F
Temperature °F (0.45 MPa) - bolt	160 °C / 320 °F

Classifications

ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031
ETIM 8.0	EC001031

Suitable terminal block

P/N	Designation
31071109	RT02509HBLC Type 071, 9-pole
31071109-000101	RT02509HBLC0101 Type 071 special version, 9-pole
AJT0DA8813-5100	AJT0DA, C6 UTP, black
AJT0DA8813-5150	AJT0DA, C6 FTP, black
AJT0DA8813-5200	AJT0DA, C6 UTP, white
AJT0DA8813-5250	AJT0DA, C6 FTP, white
AJT1DA8813-5100	AJT1DA, C6 _A UTP, black
AJT1DA8813-5150	AJT1DA, C6 _A FTP, black
AJT1DA8813-5200	AJT1DA, C6 _A UTP, white
AJT1DA8813-5250	AJT1DA, C6 _A FTP, white
SR25509HBNC	SR25509HBNC, 9-pole
ST25509HBNN	ST25509HBNN, 9-pole

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Consisting of

P/N	Designation	Numbering
381002-2	Bolt C housing, black	1
381016-10	Half of housing C18 left, gray, 50 mm	2
381017-10	Half of housing C18 right, gray, 50 mm	3
381018-10	Intermediate ring C18 housing, gray	5
381019-16	Cover C18, transparent, 50 mm	4
381020-10	Cover C18, gray, 50 mm	4

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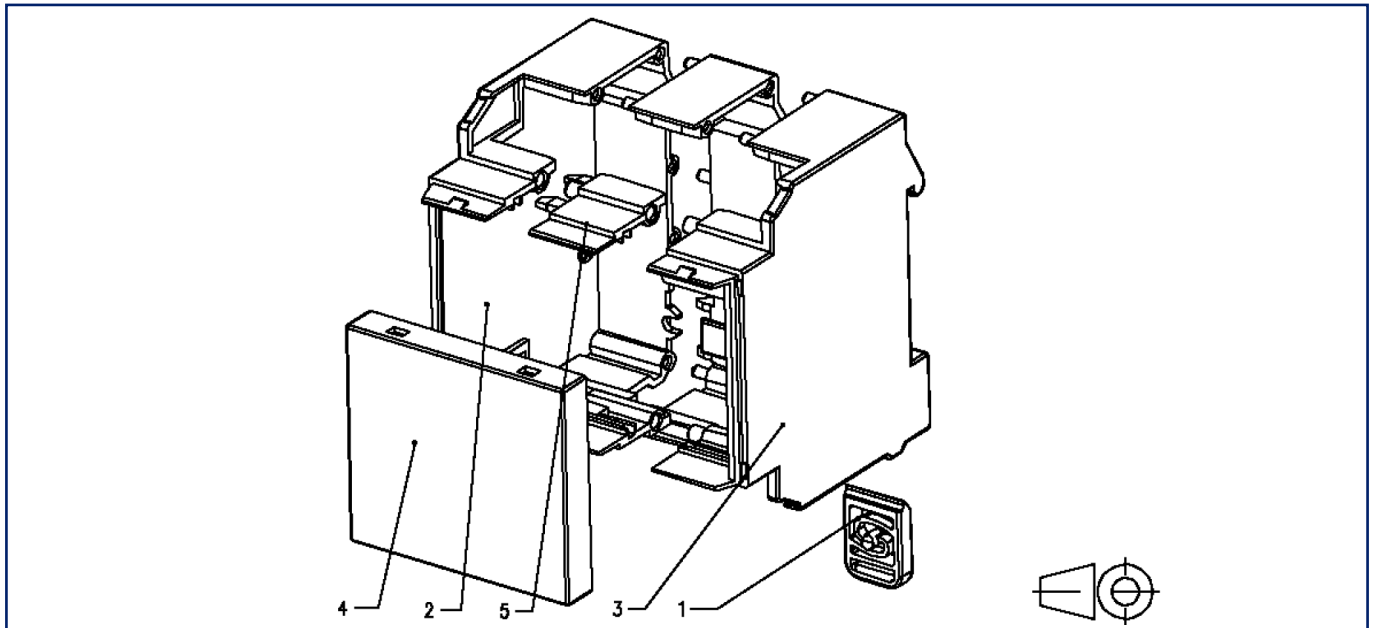
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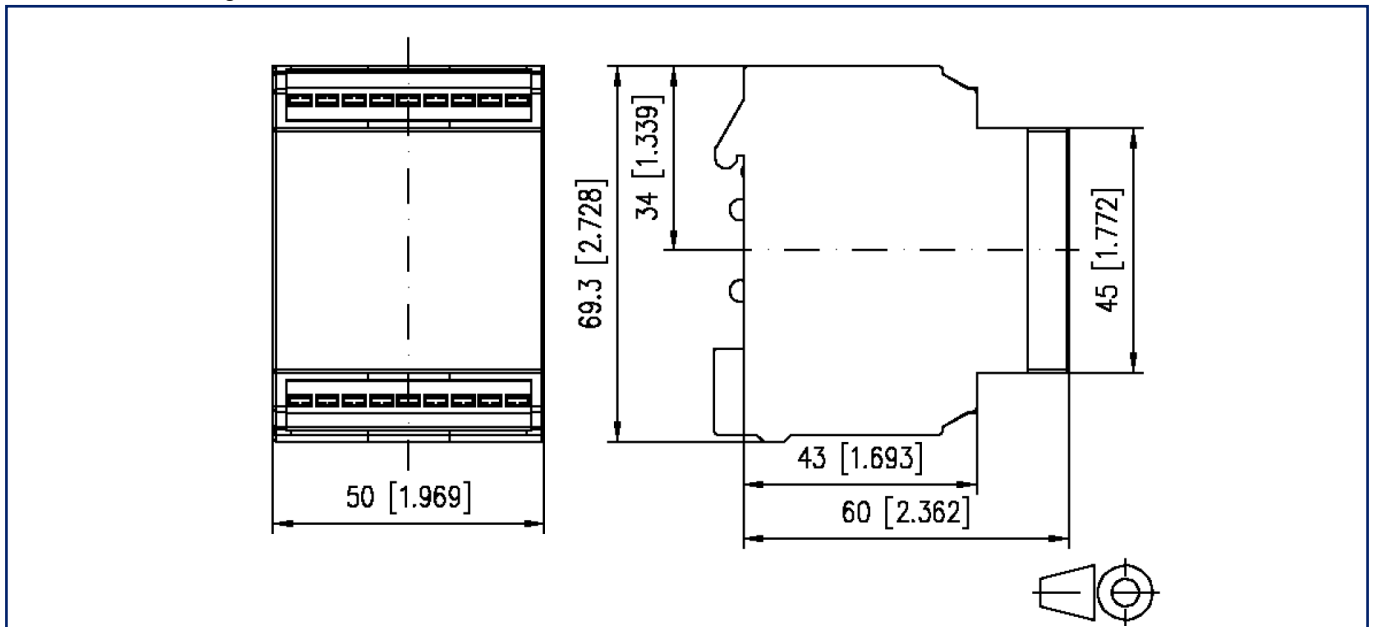
Illustrations

Exploded drawing



Housing is supplied in single parts

Dimensional drawing



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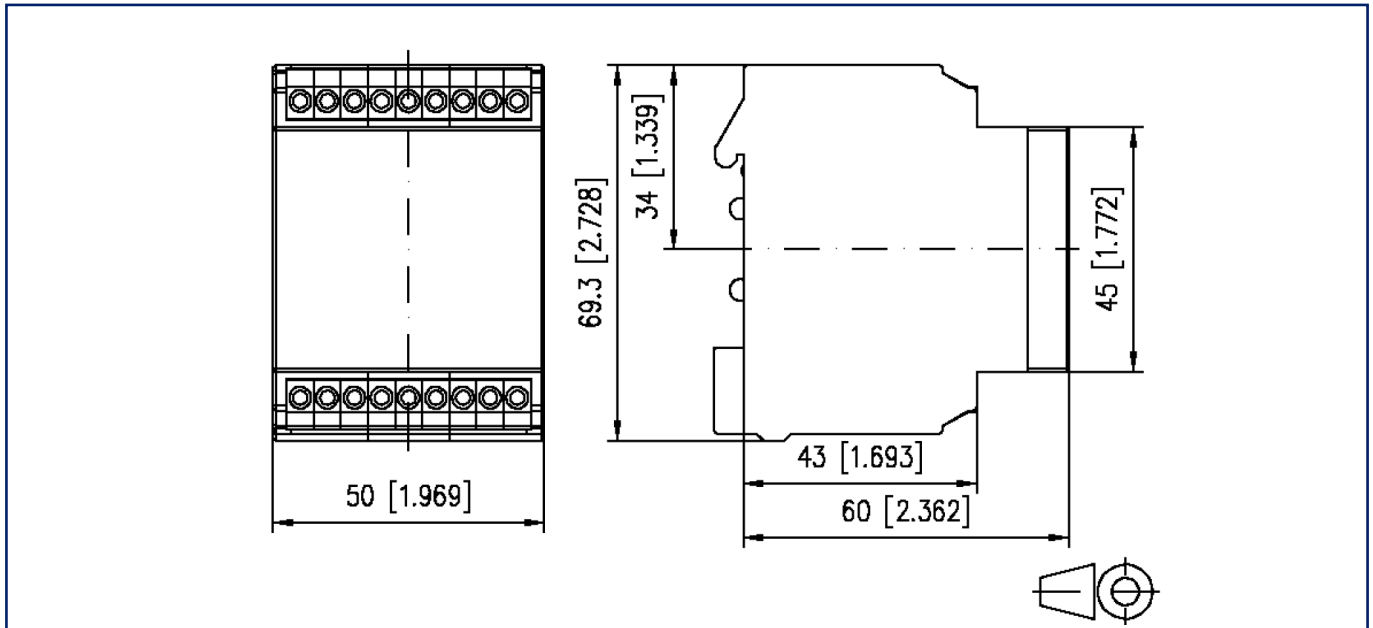
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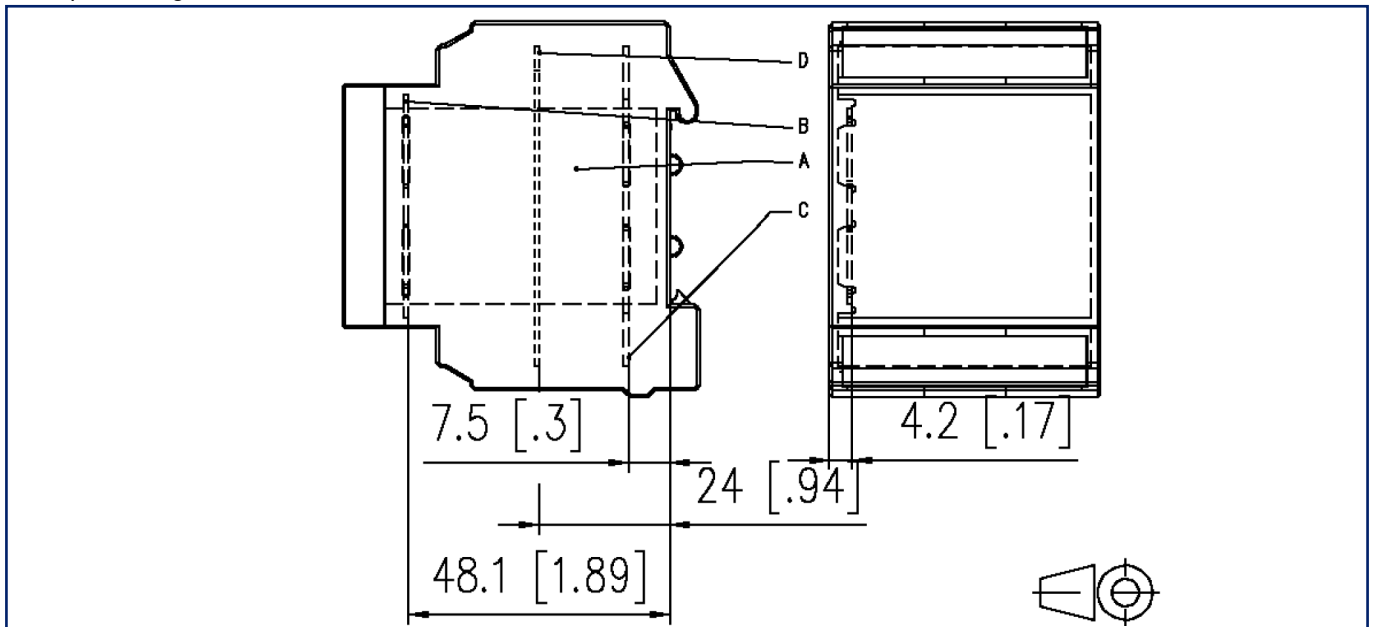
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Illustrations

Dimensional drawing



PCB positioning



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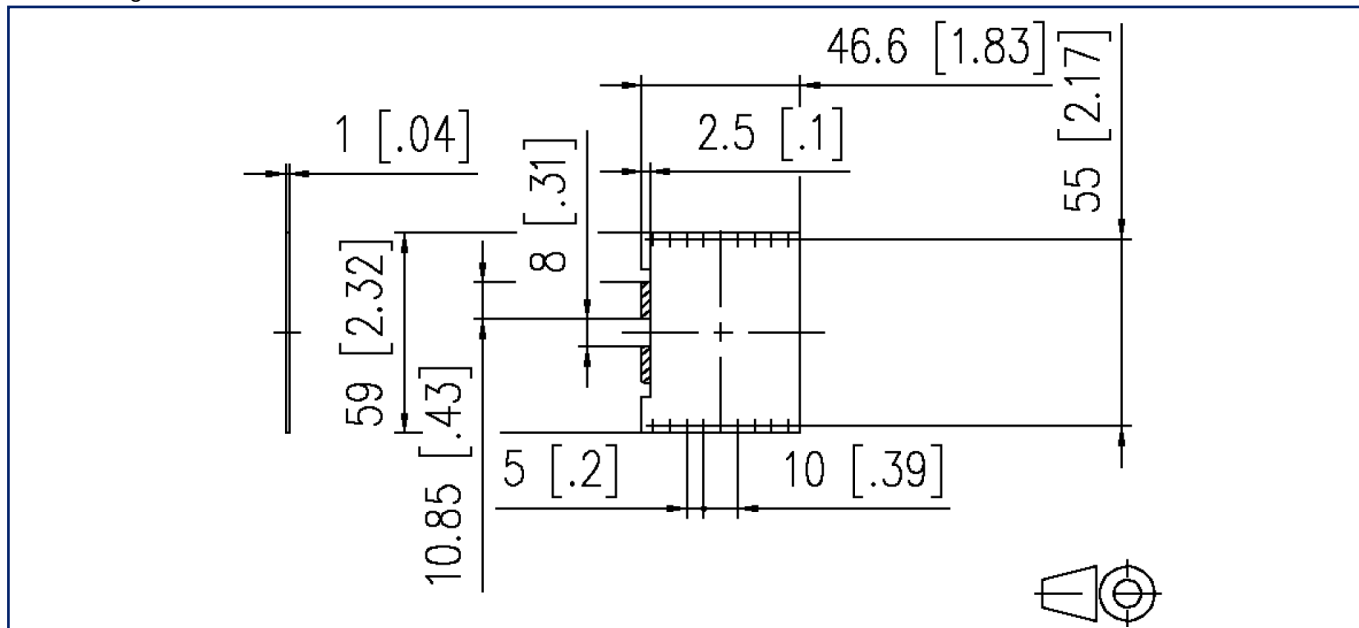
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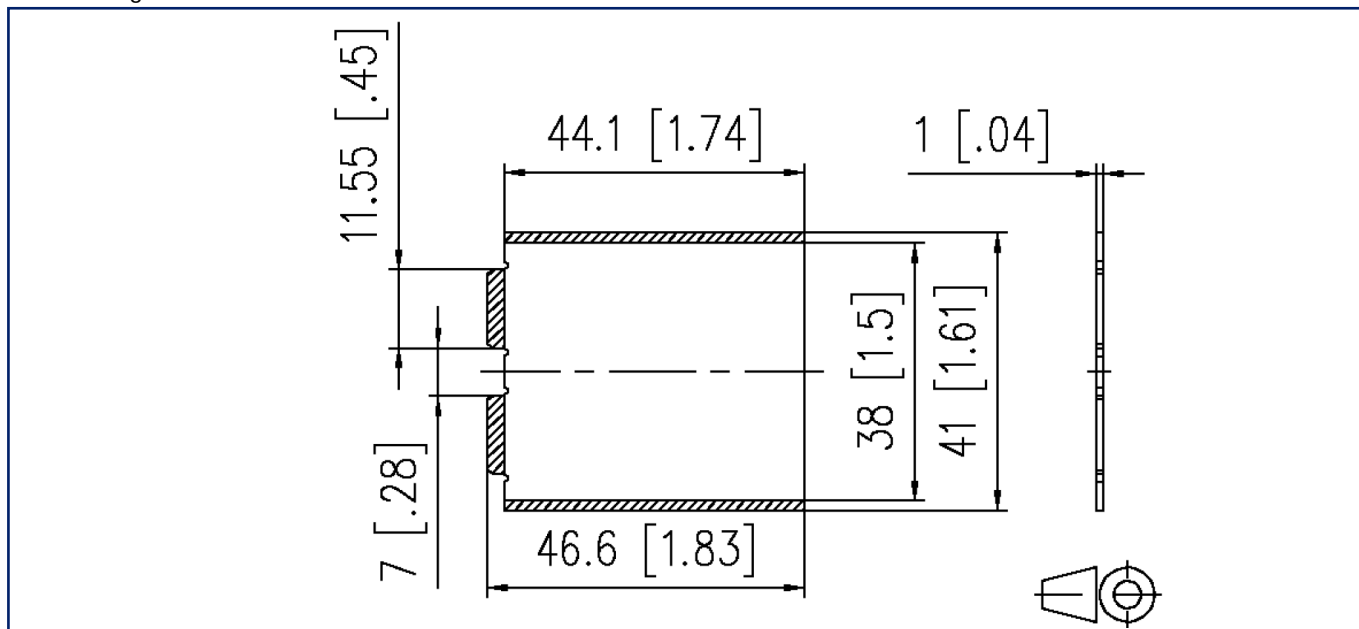
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Illustrations

PCB cutting below



PCB cutting above



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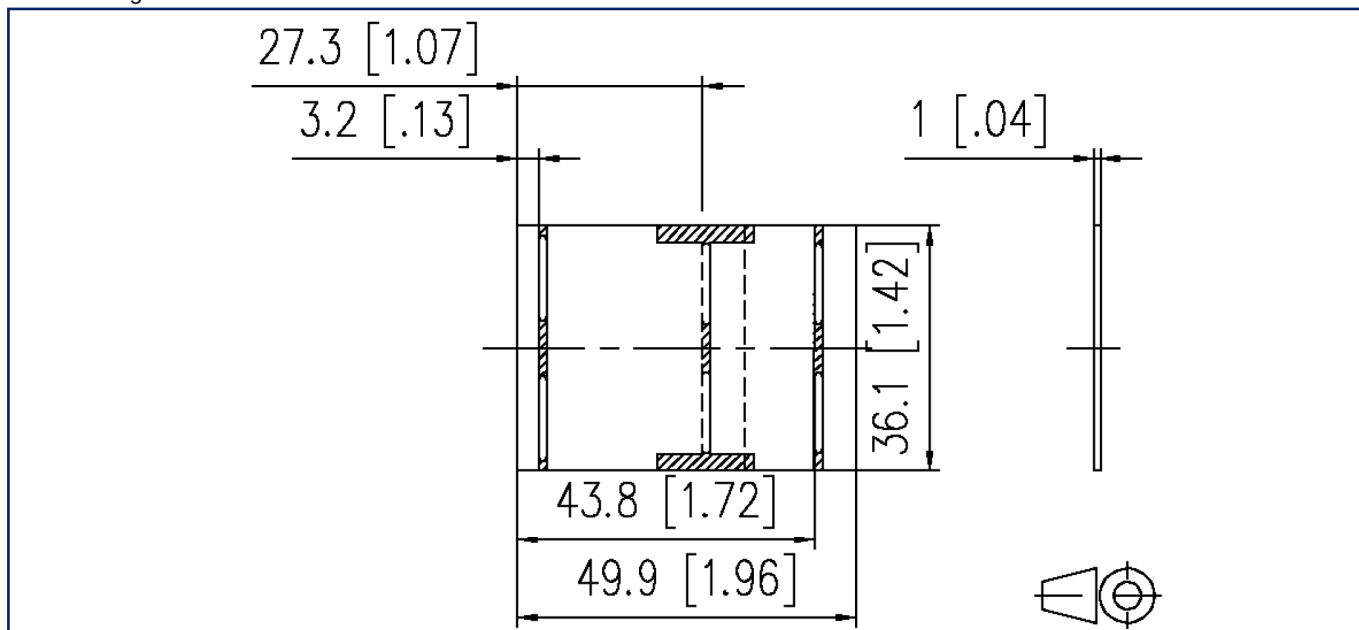
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Illustrations

PCB cutting vertical



PCB cutting middle

