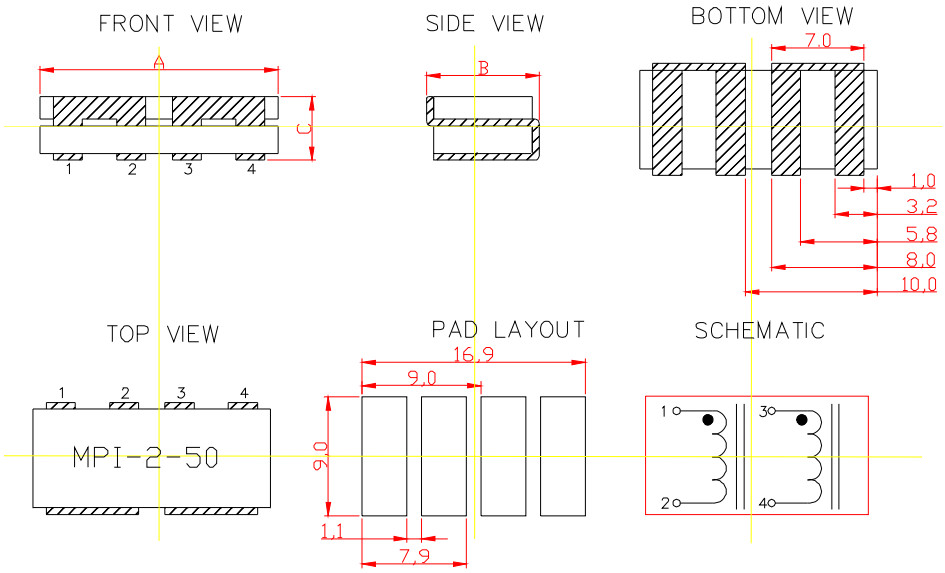
Shape and size: (Dimensions are in mm)



Series	A	B(max)	C(max)
MPI-2-50	18±0.5	8.5	4.8

Features:

- Designed exclusively for use with Volterra VPR-Devices.
- High current multi-phase inductors applications.
- Ferrite core material.
- 50nH per phase coupled inductor.
- 125℃ maximum temperature operation.
- Frequency range up to 2MHz.
- RoHS compliant.

Ordering information:

MPI - 2 - 50

(1) (2) (3)

(1) Series: Multi-Phase SMT Power Inductors.

(2) Style: 2 for 2 Phase.

(3) Inductance: 50 for 50 nH.

Inductance and rated current ranges:

- MPI-2-50 50nH 5.0A

- Test equipments:

L test by Agilent 4284A Precision LCR meter with Agilent 42841A current source.

DCR tested by Milli-ohm meter.

- Electrical specifications at 25℃.

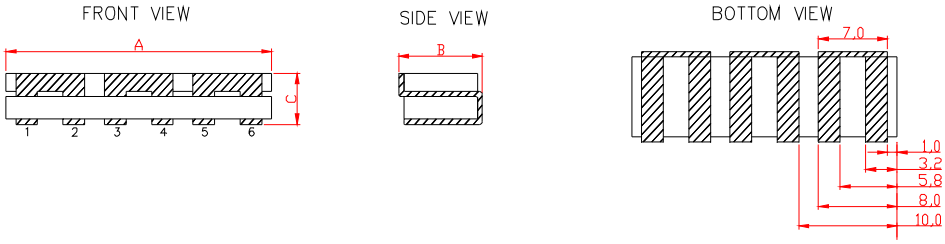
Characteristics:

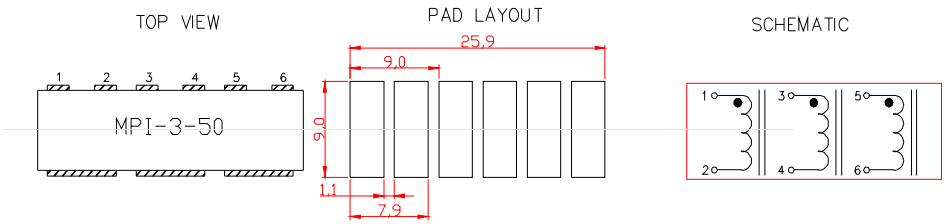
- I sat: The current will cause L_0 to drop approximately 20% typical.
- I rms: The current will cause the coil temperature rise approximately △T=40℃ without core loss.
- Operating temperature : -40 ℃ to +125 ℃.

Applications:

- Server, Desktop, Graphics cards, Laptop PC, computers, Double Data Rate , Telecom Switches and routers.

Shape and size: (Dimensions are in mm)





Series	A	B(max)	C(max)
MPI-3-50	27±0.5	8.5	4.8

Features:

- Designed exclusively for use with Volterra VPR-Devices.
- High current multi-phase inductors applications.
- Ferrite core material.
- 50nH per phase coupled inductor.
- 125℃ maximum temperature operation.
- Frequency range up to 2MHz.
- RoHS compliant.

Ordering information:

MPI - 3 - 50

(1) (2) (3)

(1) Series : Multi-Phase SMT Power Inductors.

(2) Style: 3 for 3 Phase.

(3) Inductance: 50 for 50 nH.

Inductance and rated current ranges:

- MPI-3-50 50nH 5.0A

- Test equipments:

L test by Agilent 4284A Precision LCR meter with Agilent 42841A current source.

DCR tested by Milli-ohm meter.

- Electrical specifications at 25℃.

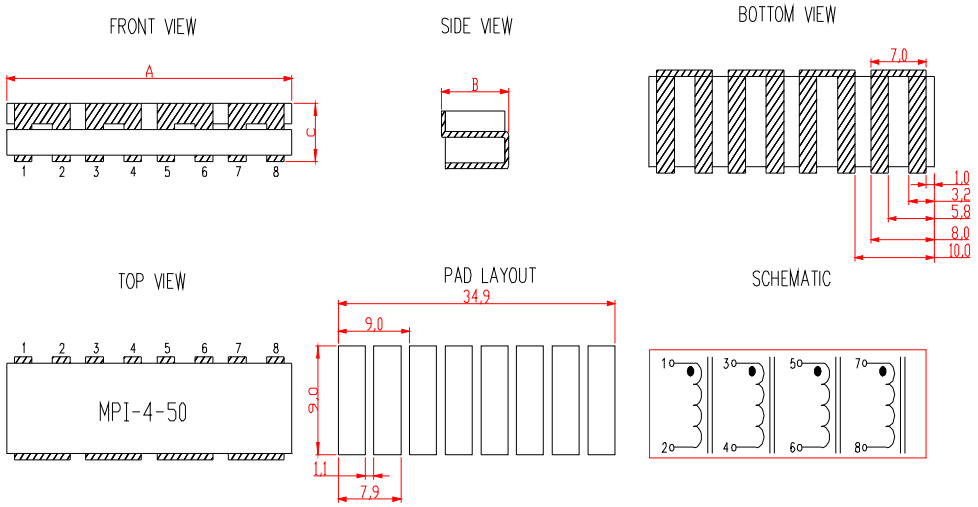
Characteristics:

- I sat: The current will cause L_0 to drop approximately 20% typical.
- I rms: The current will cause the coil temperature rise approximately △T=40℃ without core loss.
- Operating temperature : -40 ℃ to +125 ℃.

Applications:

- Server, Desktop, Graphics cards, Laptop PC, computers, Double Data Rate , Telecom Switches and routers.

Shape and size: (Dimensions are in mm)



Series	A	B(max)	C(max)
MPI-4-50	36±0.5	8.5	4.8

Features:

- Designed exclusively for use with Volterra VPR-Devices.
- High current multi-phase inductors applications.
- Ferrite core material.
- 50nH per phase coupled inductor.
- 125℃ maximum temperature operation.
- Frequency range up to 2MHz.
- RoHS compliant.

Ordering information:

MPI - 4 - 50

(1) (2) (3)

(1) Series : Multi-Phase SMT Power Inductors.

(2) Style: 4 for 4 Phase.

(3) Inductance: 50 for 50 nH.

Inductance and rated current ranges:

- MPI-4-50 50nH 5.0A

Characteristics:

- I sat: The current will cause L_0 to drop approximately 20% typical.
- I rms: The current will cause the coil temperature rise approximately △T=40℃ without core loss.
- Operating temperature : -40 ℃ to +125 ℃.

- Test equipments:

L test by Agilent 4284A Precision LCR meter with Agilent 42841A current source.

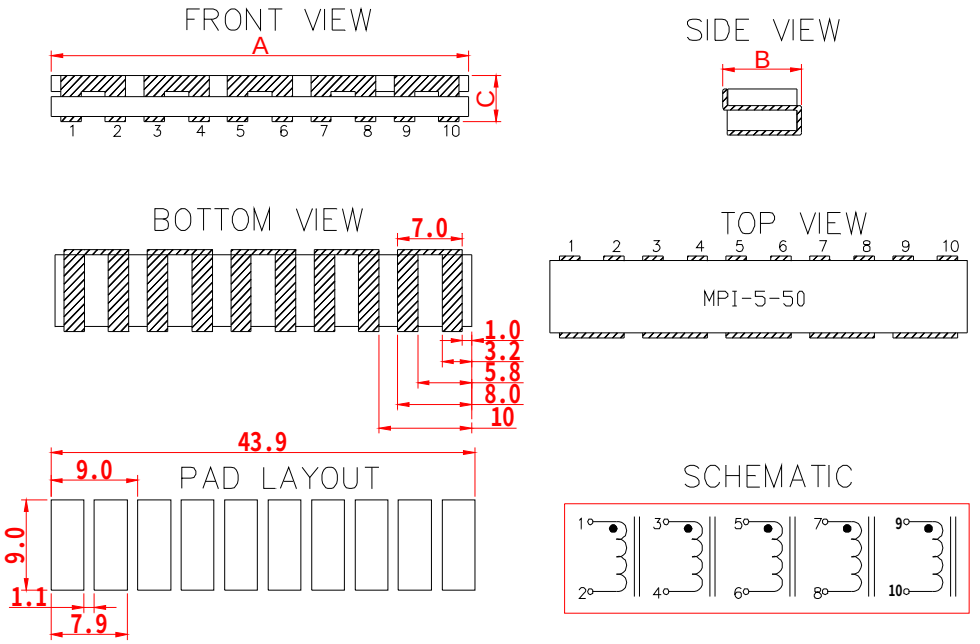
DCR tested by Milli-ohm meter.

- Electrical specifications at 25℃.

Applications:

- Server, Desktop, Graphics cards, Laptop PC, computers, Double Data Rate , Telecom Switches and routers.

Shape and size: (Dimensions are in mm)



Series	A	B(max)	C(max)
MPI-5-50	45±0.5	8.5	4.8

Features:

- Designed exclusively for use with Volterra VPR-Devices.
- High current multi-phase inductors applications.
- Ferrite core material.
- 50nH per phase coupled inductor.
- 125℃ maximum temperature operation.
- Frequency range up to 2MHz.
- RoHS compliant.

Ordering information:

MPI - 5 - 50

(1) (2) (3)

(1) Series : Multi-Phase SMT Power Inductors.

(2) Style: 5 for 5 Phase.

(3) Inductance: 50 for 50 nH.

Inductance and rated current ranges:

- MPI-5-50 50nH 5.0A

- Test equipments:

L test by Agilent 4284A Precision LCR meter with Agilent 42841A current source.

DCR tested by Milli-ohm meter.

- Electrical specifications at 25℃.

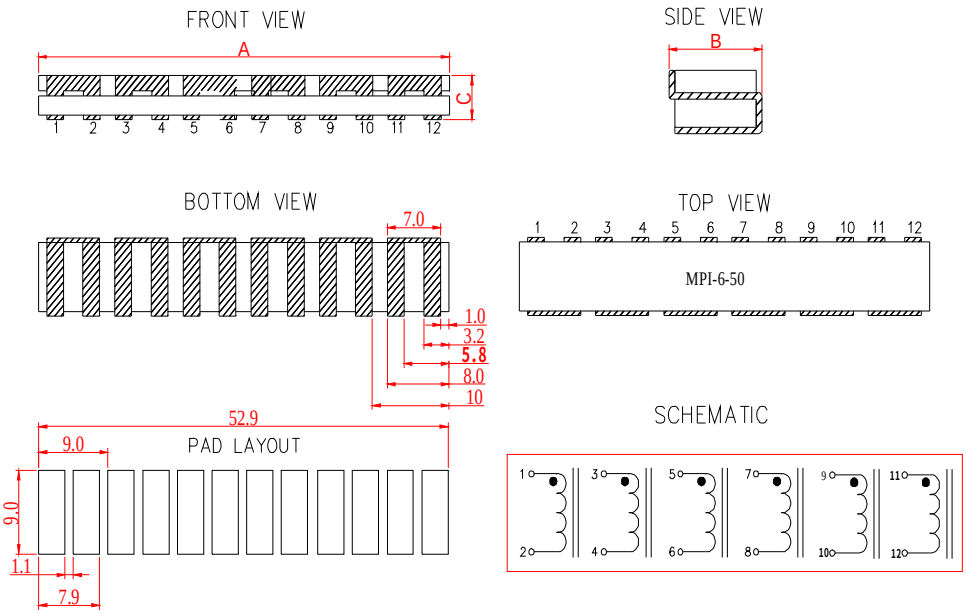
Characteristics:

- I sat: The current will cause L_0 to drop approximately 20% typical.
- I rms: The current will cause the coil temperature rise approximately △T=40℃ without core loss.
- Operating temperature : -40 ℃ to +125 ℃.

Applications:

- Server, Desktop, Graphics cards, Laptop PC, computers, Double Data Rate , Telecom Switches and routers.

Shape and size: (Dimensions are in mm)



Series	A	B(max)	C(max)
MPI-6-50	54.2±0.5	8.5	4.8

Features:

- Designed exclusively for use with Volterra VPR-Devices
- High current multi-phase inductors applications.
- Ferrite core material.
- 50nH per phase coupled inductor.
- 125℃ maximum temperature operation.
- Frequency range up to 2MHz.
- RoHS compliant.

Ordering information:

MPI - 6 - 50

(1) (2) (3)

(1) Series : Multi-Phase SMT Power Inductors.

(2) Style: 6 for 6 Phase.

(3) Inductance: 50 for 50 nH.

Inductance and rated current ranges:

- MPI-6-50 50nH 5.0A

Characteristics:

- I sat: The current will cause L_0 to drop approximately 20% typical.
- I rms: The current will cause the coil temperature rise approximately △T=40℃ without core loss.
- Operating temperature : -40 ℃ to +125 ℃.

- Test equipments:

L test by Agilent 4284A Precision LCR meter with Agilent 42841A current source.

DCR tested by Milli-ohm meter.

- Electrical specifications at 25℃.

Applications:

- Server, Desktop, Graphics cards, Laptop PC, computers, Double Data Rate , Telecom Switches and routers.