

EM3533 Series**EuroMag Terminal Blocks**

Pluggable Block (Mates with EM2221 Series);
3.50 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.138" (3.50mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

Screw Size: M2.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

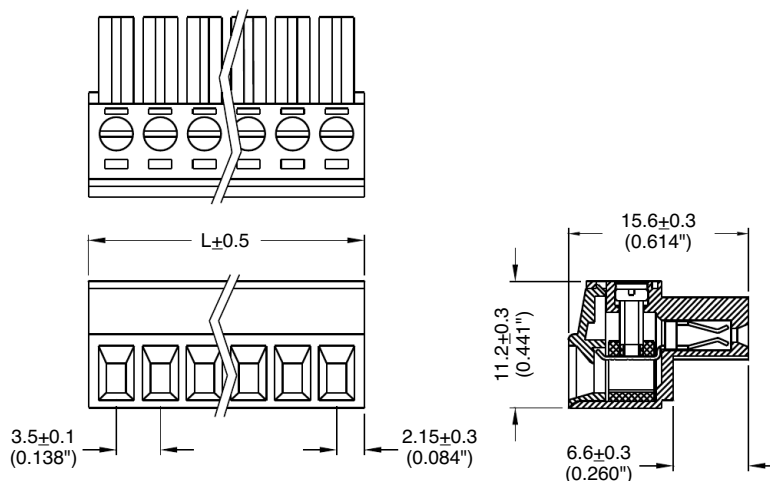
Torque Rating: 3.0 lb-in.

Construction: Mold-to-Length

Agency Information:  US File E62622; CE Certified



EM353308

Dimensions - mm (in)

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3533

□□

02 to 14

Mating Header: EM2221 pg. 75

EM2221 Series**EuroMag Terminal Blocks**

Closed Header; (Mates with EM3533 Series);
3.50 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.138" (3.50mm)

Housing Material: UL rated 94V0 Thermoplastic

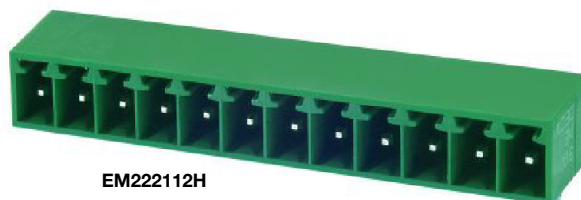
Contact Material: Brass Tin-Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



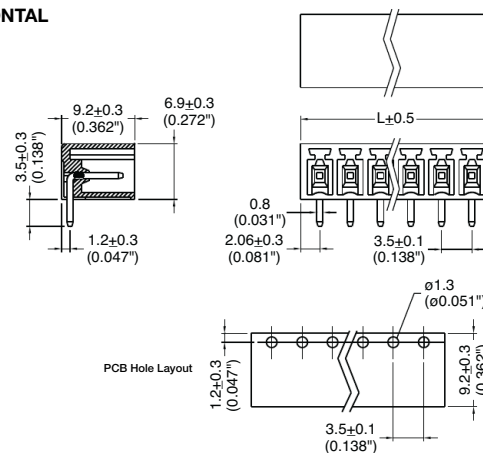
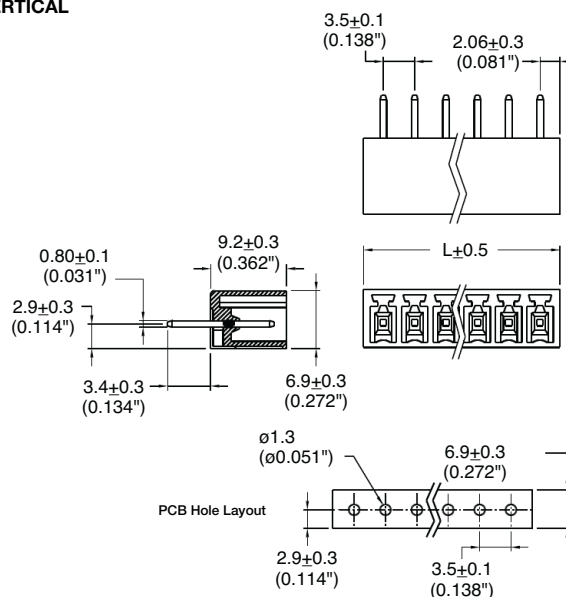
EM222112H



EM222108V

Poles	L (mm)
2	7.6
3	11.1
4	14.6
5	18.1
6	21.6
7	25.1
8	28.6
9	32.1
10	35.6
11	39.1
12	42.6
13	42.1
14	49.6

To convert to inches, divide by 25.4

Dimensions - mm (in)**HORIZONTAL****VERTICAL****Part Numbering System**

Series

EM2221

of Poles

02 to 14

Orientation

H - horizontal
V - vertical

Mating Plug: EM3533 pg. 74

Terminal Blocks:
Single Row

EuroMag Series
Plug & Header

Edge Connectors,
One-Sided Boards

Compliance
References

EM2413 Series**EuroMag Terminal Blocks**

Pluggable Block with Flanges (Mates with EM2201 Series); 3.50 Centers



EM241307

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.138" (3.50mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

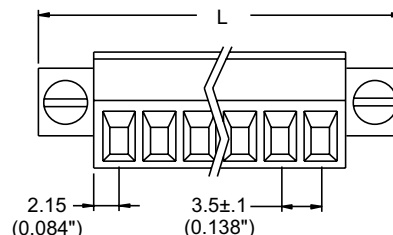
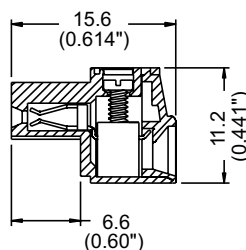
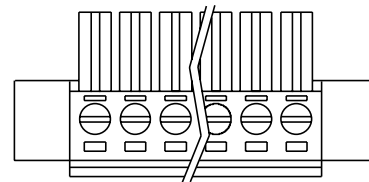
Screw Size: M2.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 3.0 lb-in.

Construction: Mold-to-Length

Agency Information: eus File E62622; CE Certified

Dimensions - mm (in)

Poles	L (mm)
2	17.4
3	20.9
4	24.4
5	27.9
6	31.4
7	34.9
8	38.4
9	41.9
10	45.4
11	48.9
12	52.4

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2413

02 12

02 to 12

Mating Header: EM2201 pg. 77

EM2201 Series EuroMag Terminal Blocks

Header with Flanges (Mates with EM2413 Series); 3.50 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.138" (3.50mm)

Housing Material: Green Polyamide Type 6/6, 94V0

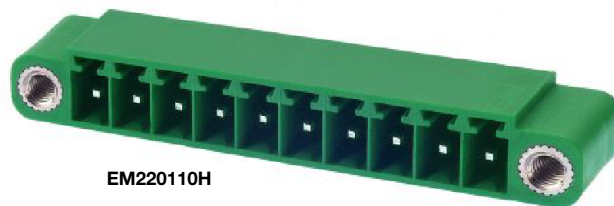
Contact Material: Brass Tin-Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

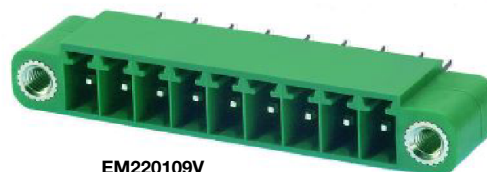
Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold to Length

Agency Information:  File E62622; CE Certified



EM220110H



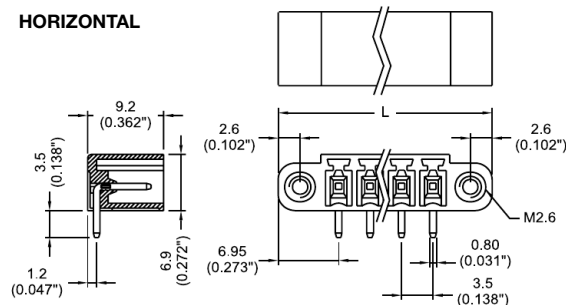
EM220109V

Poles	L (mm)
2	17.4
3	20.9
4	24.4
5	27.9
6	31.4
7	34.9
8	38.4
9	41.3
10	45.4
11	48.9
12	52.4

To convert to inches, divide by 25.4

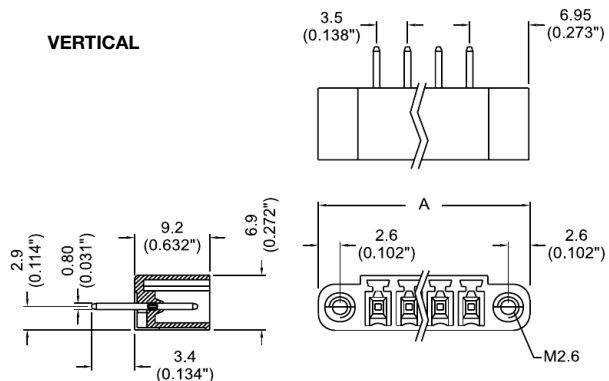
Dimensions - mm (in)

HORIZONTAL



PCB Hole Layout

VERTICAL



PCB Hole Layout

Part Numbering System

Series

EM2201

of Poles

02 to 12

Orientation

H - horizontal
V - vertical

Mating Plug: EM2413 pg. 76

Terminal Blocks:
Single Row

EuroMag Series
Plug & Header

Edge Connectors,
One-Sided Boards

Compliance
References

EM3553 Series EuroMag Terminal Blocks

(Mates with EM3593 Series);
3.81 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.15" (3.81mm)

Consult factory for 0.30" (7.62mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M2.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 3.0 lb-in.

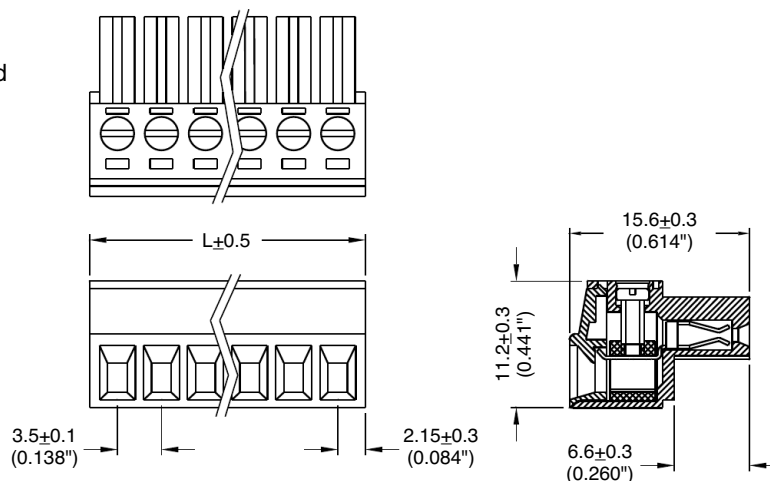
Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM355308

Dimensions - mm (in)



To convert to inches, divide by 25.4

Part Numbering System

Series

of Positions

EM3553

02 to 12

Mating Header: EM3593 pg. 81

EM3543 Series EuroMag Terminal Blocks

Pluggable Block (Mates with EM3593 Series);
3.81 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.15" (3.81mm)

Consult factory for 0.30" (7.62mm)

Wire Range: #16-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

Screw Size: M2.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C
(-40°F) min.

Torque Rating: 3.0 lb-in.

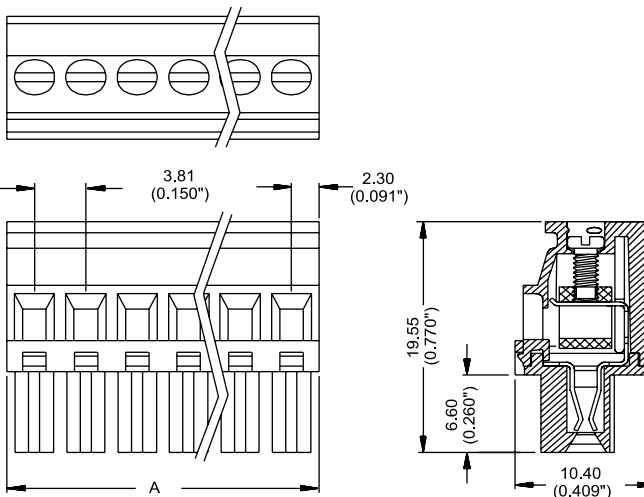
Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM354309

Dimensions - mm (in)



Poles	L (mm)
2	8.41
3	12.22
4	16.03
5	19.84
6	23.65
7	27.46
8	31.27
9	35.08
10	38.89
11	42.70
12	46.51

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3543

02 12

02 to 12

Mating Header: EM3593 pg. 81

Terminal Blocks:
Single Row

EuroMag Series
Plug & Header

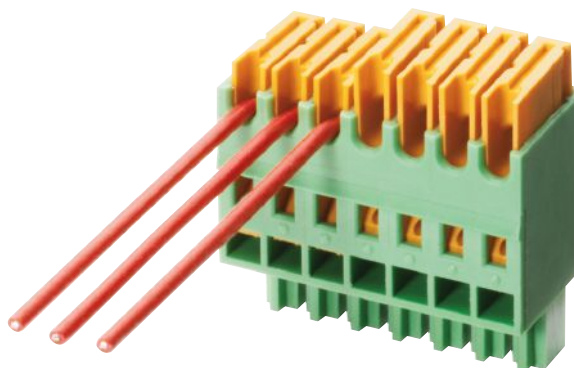
Edge Connectors,
One-Sided Boards

Compliance
References

Series EM3583**EuroMag Terminal Blocks**

IDC Pluggable Block

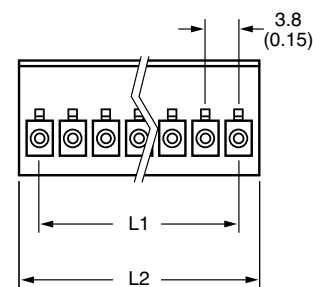
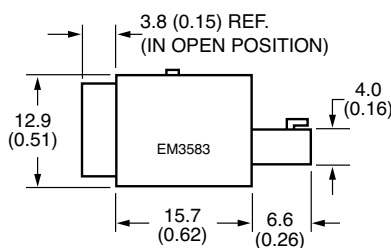
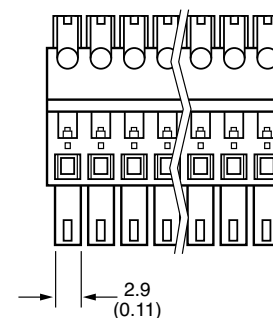
(Mates with EM3593 Series); 3.81 Centers

SPECIFICATIONS**Ratings:** 10A, 160V**Center Spacing:** 0.15" (3.81mm)**Wire Range:** #18-20 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Brass, Tin-Plated**Operating Temperature:** 105°C (221°F) max., -49°C (-40°F) min.**Construction:** Mold-to-length.**Agency Information:** cULus File E62622; CE Certified

EM358307

Dimensions - mm (in)

Poles	L1 (mm)	L2 (mm)	Poles	L1 (mm)	L2 (mm)
02	3.81	8.40	08	26.67	31.26
03	7.62	12.21	09	30.48	35.07
04	11.43	16.02	10	34.29	38.88
05	15.24	19.83	11	38.10	42.69
06	19.05	23.64	12	41.91	46.50
07	22.86	27.45			

**Part Numbering System**

Inches (Millimeters)

Series

EM3583

of Positions

□□

02 to 12

Mating Header: EM3593 pg. 81

Series EM3593**EuroMag Terminal Blocks**

Header (Mates with EM3553, EM3543, and EM3583 Series); 3.81 Centers

SPECIFICATIONS

Ratings: 10A, 300V

Center Spacing: 0.15" (3.81mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass, Tin-Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

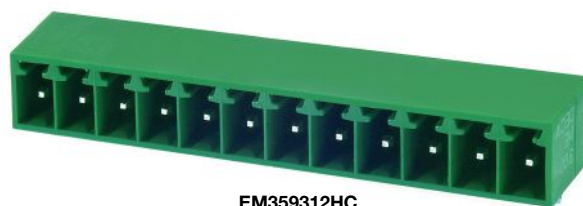
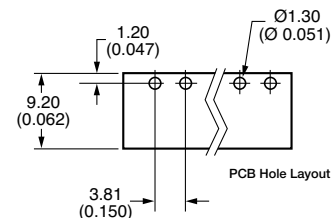
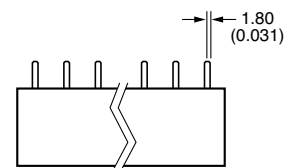
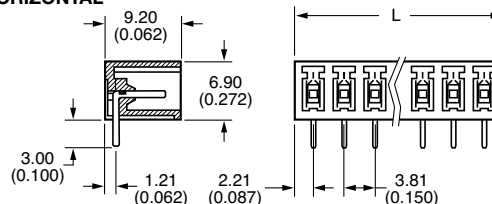
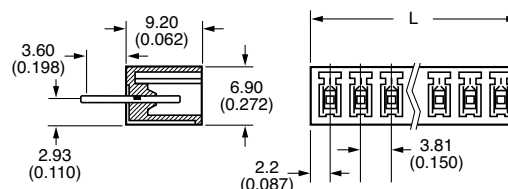
Recommended PCB Hole Diameters: 0.51" (1.30mm)

Construction: Mold-to-length.

Agency Information: cULus File E62622; CE Certified

Poles	L (mm)	Poles	L (mm)
02		08	31.09
03	8.23	09	34.90
04	12.04	10	38.71
05	15.85	11	42.52
06	19.66	12	46.33
07	23.47		
	27.28		

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

**Dimensions - mm (in)****HORIZONTAL****VERTICAL****Part Numbering System**

Inches (Millimeters)

Series**EM3593****# of Positions**

□ □

02 to 12

Orientation

□

H - Horizontal
V - Vertical**Side Base**

C

C - Closed

Mating Plugs: EM3553 pg. 78
EM3543 pg. 79
EM3583 pg. 80

Terminal Blocks:
Single RowEuroMag Series
Plug & HeaderEdge Connectors,
One-Sided BoardsCompliance
References

EM2423 Series**EuroMag Terminal Blocks**

Pluggable Block with Flanges (Mates with EM2211 Series); 3.81 Centers



EM242307

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.15" (3.81mm)

Wire Range: #16-26 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

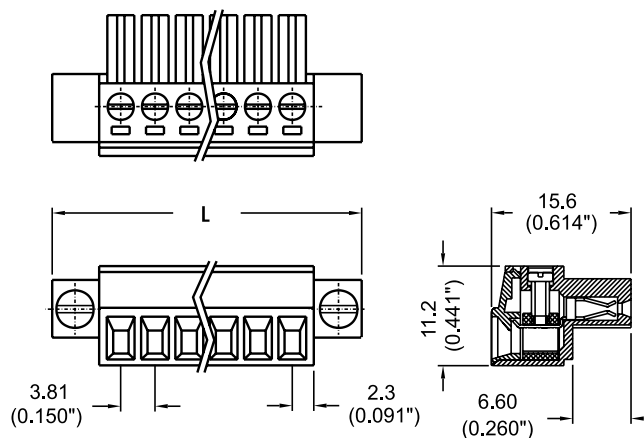
Screw Size: M2.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 3.0 lb-in.

Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified

Dimensions - mm (in)

Poles	L (mm)
2	17.91
3	21.72
4	25.53
5	29.34
6	33.15
7	36.96
8	40.77
9	44.58
10	48.39
11	52.20
12	56.01

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2423

02 12

02 to 12

Mating Header: EM2211 pg. 84

EM2443 Series**EuroMag Terminal Blocks**

Pluggable Block with Flanges (Mates with EM2211 Series); 3.81 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.15" (3.81mm)

Consult factory for 0.30" (7.62mm)

Wire Range: #16-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

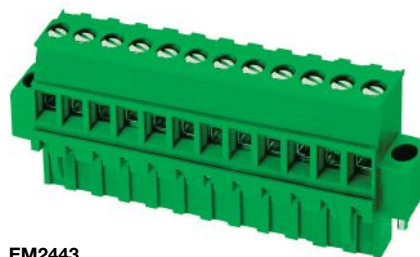
Screw Size: M2.0 Nickel-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

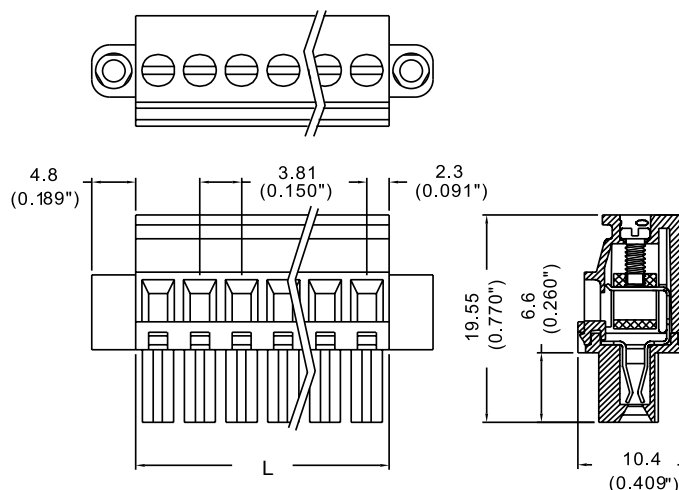
Torque Rating: 3.0 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM2443

Dimensions - mm (in)

Poles	L (mm)
2	7.90
3	11.71
4	15.52
5	19.33
6	23.14
7	26.95
8	30.76
9	34.57
10	38.38
11	42.19
12	46.00

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2443

02 to 12

Mating Header: EM2211 pg. 84

Terminal Blocks:
Single Row

EuroMag Series
Plug & Header

Edge Connectors,
One-Sided Boards

Compliance
References

EM2211 Series**EuroMag Terminal Blocks**

Header with Flanges (Mates with EM2423, EM2443 Series); 3.81 Centers

SPECIFICATIONS

Rating: 10A, 300V

Center Spacing: 0.15" (3.81mm)

Consult factory for 0.30" (7.62mm)

Housing Material: UL rated 94V0 Thermoplastic

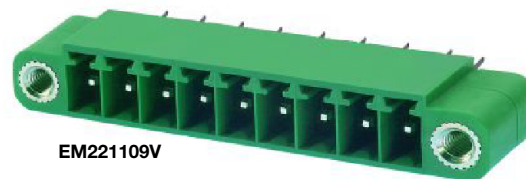
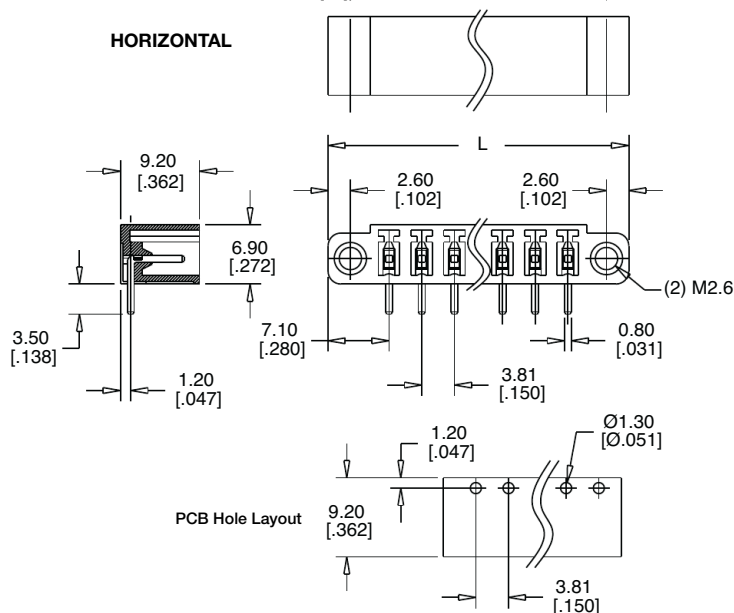
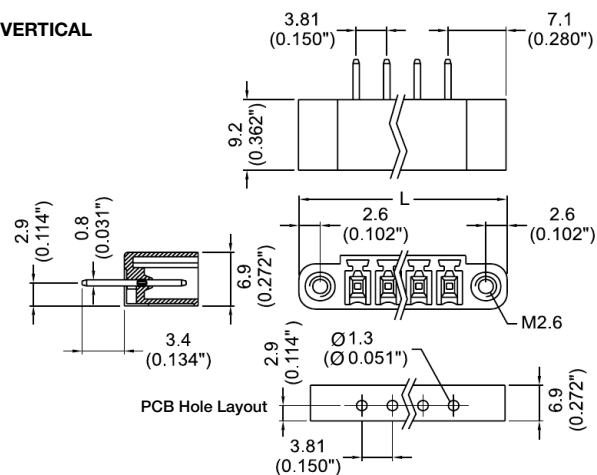
Contact Material: Brass Tin-Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold to Length

Agency Information: cULus File E62622; CE Certified

**Dimensions - mm (in)****HORIZONTAL****VERTICAL****Poles L (mm)**

Poles	L (mm)
2	18.02
3	21.83
4	25.64
5	29.45
6	33.26
7	37.07
8	40.88
9	44.69
10	48.50
11	52.31
12	56.12
14	63.74

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2211

of Poles

02 to 14

Orientation

H - horizontal
V - vertical

Mating Plugs: EM2423 pg. 82
EM2443 pg. 83

EM2525 Series**EuroMag Terminal Blocks**

Pluggable Block (Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Consult factory for 0.394" (10.00mm)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M3.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 7 lb-in.

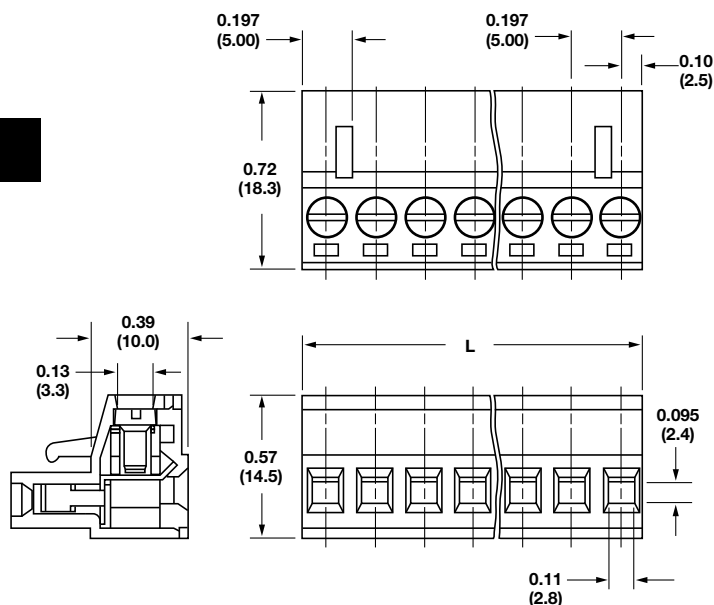
Construction: Mold-to-Length

Connector Style: Rising Cage and Screw

Agency Information:  File E62622; CE Certified



EM252503

Dimensions - in (mm)

Poles	L (mm)	Poles	L (mm)
02	10.0	14	70.0
03	15.0	15	75.0
04	20.0	16	80.0
05	25.0	17	85.0
06	30.0	18	90.0
07	35.0	19	95.0
08	40.0	20	100.0
09	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Positions

EM2525

02 to 24

Mating Header: EM2535 pg. 88

Terminal Blocks:
Single Row

EuroMag Series
Plug & Header

Edge Connectors,
One-Sided Boards

Compliance
References

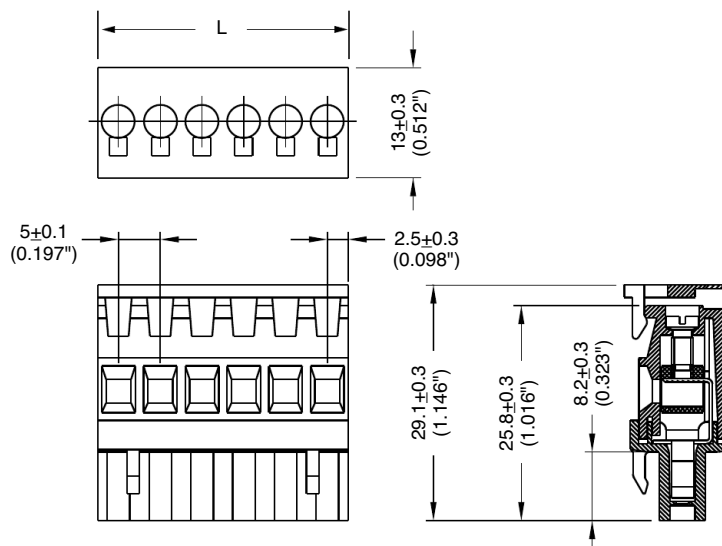
EM2485 Series**EuroMag Terminal Blocks**

Pluggable Block with Cover

(Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #14-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin-Plated Phos Bronze**Cage Material:** Brass, Nickel-Plated**Screw Size:** M2.6 Zinc-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 lb-in.**Construction:** Mold-to-Length**Agency Information:**  File E62622; CE Certified

EM248506

Dimensions - mm (in)

Poles	L (mm)
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2485

□□

02 - 08

Mating Header: EM2535 pg. 88

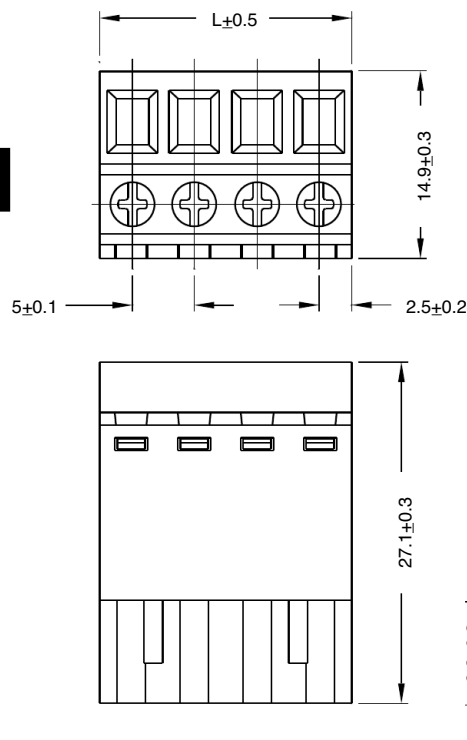
EM3105 Series**EuroMag Terminal Blocks**

Pluggable Block; Top Entry

(Mates with EM2535 Series); 5.00 Centers

SPECIFICATIONS**Rating:** 16A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #12-24 AWG**Housing Material:** UL rated 94V0 Thermoplastic**Contact Material:** Tin-Plated Phos Bronze**Cage Material:** Brass, Nickel-Plated**Screw Size:** M2.6 Zinc-Plated Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 4.5 lb-in.**Construction:** Mold-to-Length**Agency Information:**  File E62622; CE Certified

EM310508

Dimensions - mm

Poles	L (mm)	Poles	L (mm)
2	10.0	8	40.0
3	15.0	9	45.0
4	20.0	10	50.0
5	25.0	11	55.0
6	30.0	12	60.0
7	35.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3105

□□

02 to 12

Mating Header: EM2535 pg. 88

Terminal Blocks:
Single RowEuroMag Series
Plug & HeaderEdge Connectors,
One-Sided BoardsCompliance
References

EM2535 Series**EuroMag Terminal Blocks**

Header (Mates with EM2525, EM2485 & EM3105 Series); 5.00 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Consult factory for 0.394" (10.00mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold-to-Length

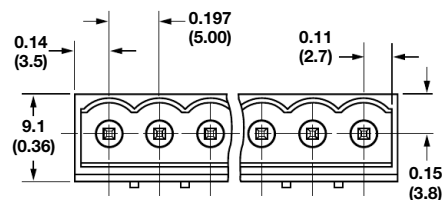
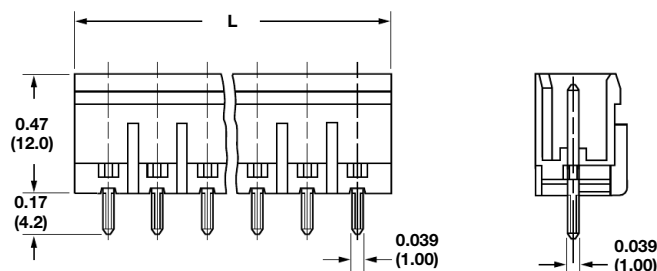
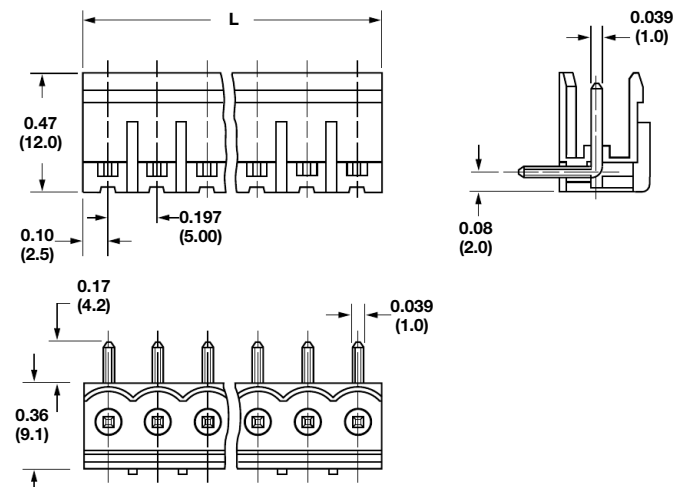
Agency Information: cUL File E62622; CE Certified



EM253505VC



EM253508HO

Dimensions - in (mm)**VERTICAL - CLOSED****HORIZONTAL - OPEN**

Position	Open L (mm)	Closed L (mm)	Position	Open L (mm)	Closed L (mm)
02	10.0	12.0	14	70.0	72.0
03	15.0	17.0	15	75.0	77.0
04	20.0	22.0	16	80.0	82.0
05	25.0	27.0	17	85.0	87.0
06	30.0	32.0	18	90.0	92.0
07	35.0	37.0	19	95.0	97.0
08	40.0	42.0	20	100.0	102.0
09	45.0	47.0	21	105.0	107.0
10	50.0	52.0	22	110.0	112.0
11	55.0	57.0	23	115.0	117.0
12	60.0	62.0	24	120.0	122.0
13	65.0	67.0			

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2535

of Positions

02 to 24

Orientations

H - horizontal
V - vertical

Side Base

O - open
C - closed

Mating Plugs: EM2525 pg. 85
EM2485 pg. 86
EM3105 pg. 87

EM2565 Series**EuroMag Terminal Blocks**

Pluggable Block (Mates with EM2575 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Consult factory for 0.40" (10.16mm)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Screw Size: M3.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

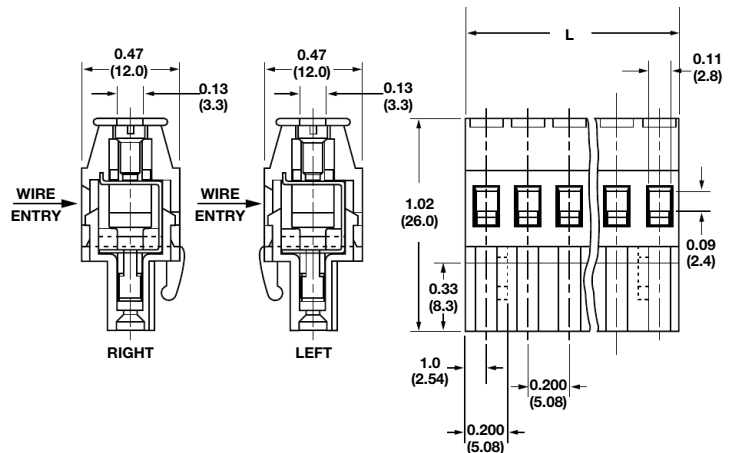
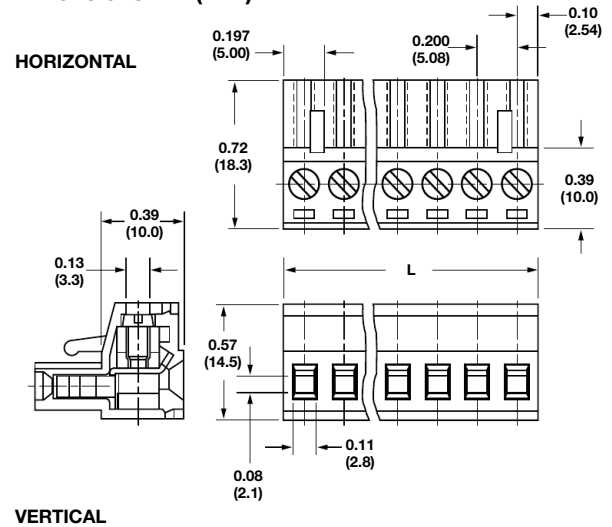
Torque Rating: 7 lb-in.

Construction: Mold-to-Length

Agency Information: e•RA US File E62622; CE Certified



EM256503H

Dimensions - in (mm)

To convert to inches, divide by 25.4

Part Numbering System

Series	# of Positions	Orientation	Wire Entry (Vertical Orientation Only)	Mating Header: EM2575 pg. 92
EM2565				
	02 to 24	H - horizontal V - vertical	L - left R - right	

EM2488 Series**EuroMag Terminal Blocks**

Pluggable Block (Mates with EM2575 Series); 5.08 Centers with Cover

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Wire Range: #14-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

Screw Size: M2.6 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

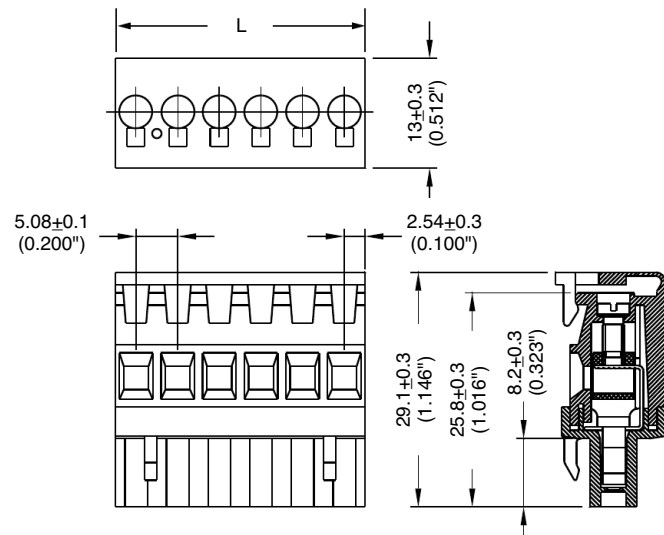
Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM248806

Dimensions - mm (in)

Poles	L (mm)
2	10.16
3	15.24
4	20.32
5	25.40
6	30.48
7	35.56
8	40.64

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM2488

□□

02 to 08

Mating Header: EM2575 pg. 92

EM3108 Series**EuroMag Terminal Blocks**

Pluggable Block; Front Entry (Mates with EM2575 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

Screw Size: M2.6 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

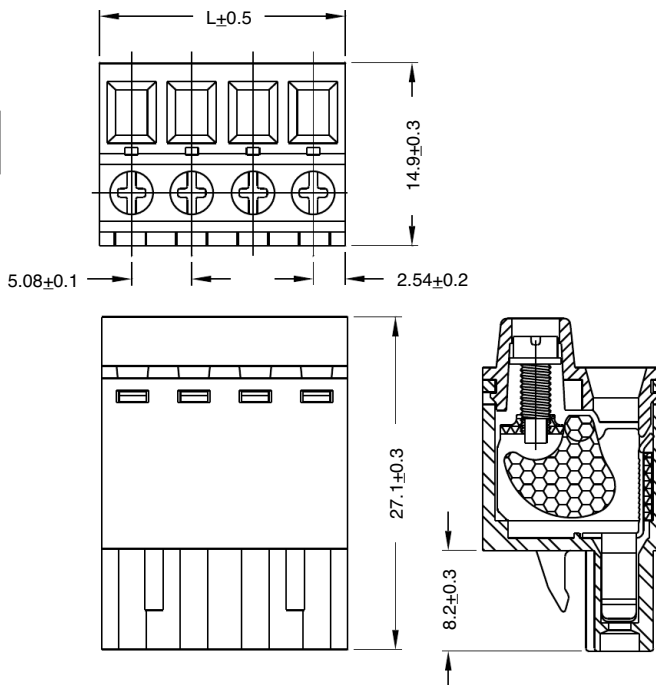
Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  US File E62622; CE Certified



EM310808

Dimensions - mm

Poles	L (mm)	Poles	L (mm)
2	10.16	14	71.12
3	15.24	15	76.20
4	20.32	16	81.28
5	25.40	17	86.36
6	30.48	18	91.44
7	35.45	19	96.52
8	40.64	20	101.60
9	45.72	21	106.68
10	50.80	22	111.76
11	55.88	23	116.84
12	60.96	24	121.92
13	66.04		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3108

02

02 to 24

Mating Header: EM2575 pg. 92

Terminal Blocks:
Single Row

EuroMag Series
Plug & Header

Edge Connectors,
One-Sided Boards

Compliance
References

EM2575 Series**EuroMag Terminal Blocks**

Header (Mates with EM2565, EM2488, EM3108 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Consult factory for 0.40" (10.16mm)

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

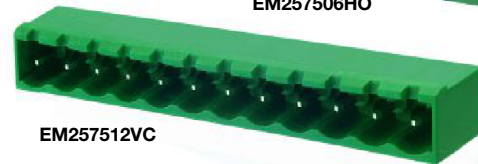
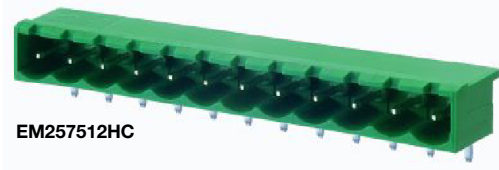
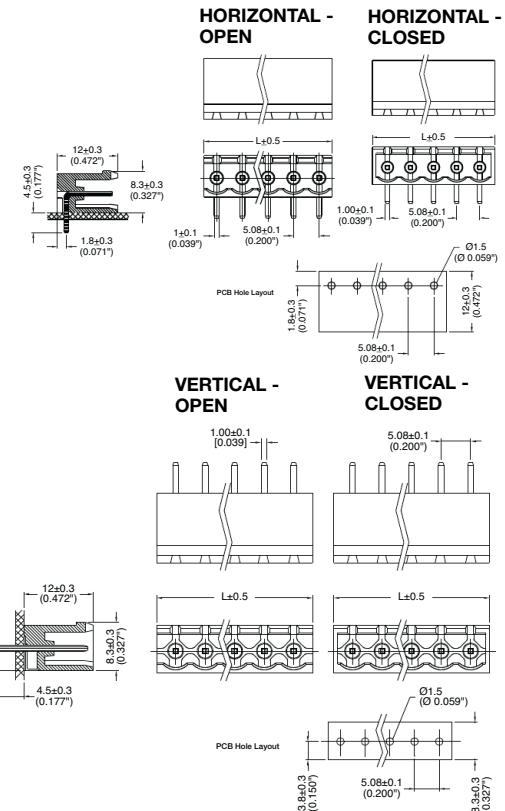
Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified

Poles	Open L (mm)	Closed L (mm)	Poles	Open L (mm)	Closed L (mm)
2	10.16	12.08	14	71.12	73.04
3	15.24	17.16	15	76.20	78.12
4	20.32	22.24	16	81.28	83.20
5	25.40	27.32	17	86.36	88.28
6	30.48	32.40	18	91.44	93.36
7	35.56	37.48	19	96.52	98.44
8	40.64	42.66	20	101.60	103.52
9	45.72	47.64	21	106.68	105.60
10	50.80	52.72	22	111.76	113.68
11	55.88	57.80	23	116.84	118.76
12	60.96	62.88	24	121.92	123.84
13	66.04	67.96			

To convert to inches, divide by 25.4

**Dimensions - mm (in)****Part Numbering System**

Series

of Poles

Orientation

Side Base

EM2575

□□

□

□

02 to 24

H - horizontal
V - verticalO - open
C - closed

Mating Plugs: EM2565 pg. 89
EM2488 pg. 90
EM3108 pg. 91

Series EM2115 Series

Pluggable Terminal Block with Flanges;
(Mates with EM2215 Series); 5.00 Centers

SPECIFICATIONS:

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Phosphor Bronze

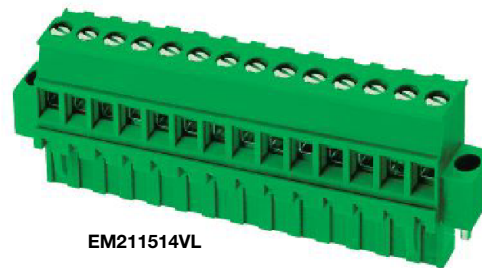
Screw Size: M2.6 Nickel-Plated Steel

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

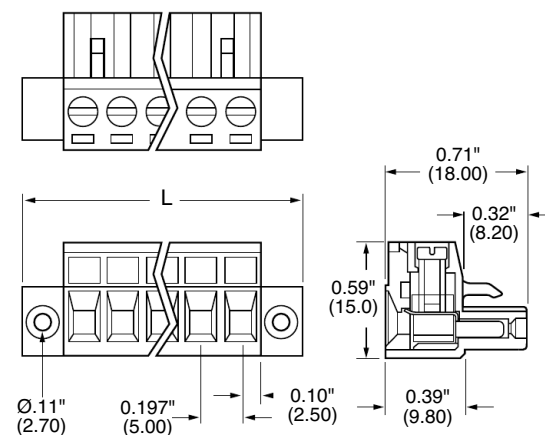
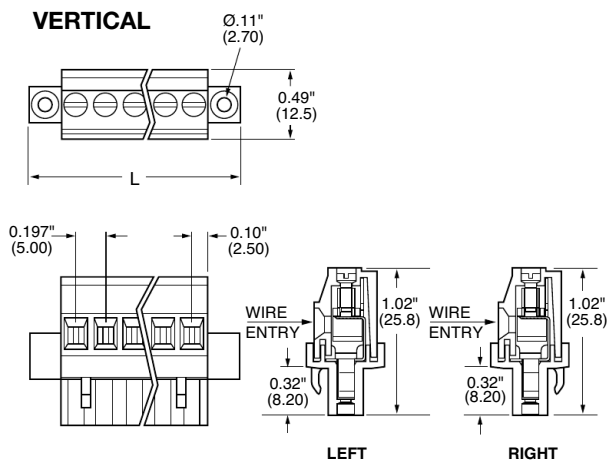
Torque Rating: 7.0 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM211514VL

Dimensions - in (mm)**HORIZONTAL****VERTICAL**

Poles	L (mm)	L (Inch)	Poles	L (mm)	L (Inch)
2	20.0	0.787	13	75.0	2.952
3	25.0	0.984	14	80.0	3.149
4	30.0	1.181	15	85.0	3.346
5	35.0	1.378	16	90.0	3.543
6	40.0	1.575	17	95.0	3.740
7	45.0	1.772	18	100.0	3.937
8	50.0	1.969	19	105.0	4.133
9	55.0	2.165	20	110.0	4.330
10	60.0	2.362	21	115.0	4.527
11	65.0	2.559	22	120.0	4.724
12	70.0	2.756			

Part Numbering System

Inches (Millimeters)

Series**EM2115****# of Poles****02 to 22****Orientation****V - Vertical****H - Horizontal****Wire Entry****L - Left wire entry****R - Right wire entry**
(specify for V orientation)**Mating Header:** EM2215 pg. 95

EM3115 Series**EuroMag Terminal Blocks**

Pluggable Block; Top Entry (Mates with EM2215 Series); 5.00 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

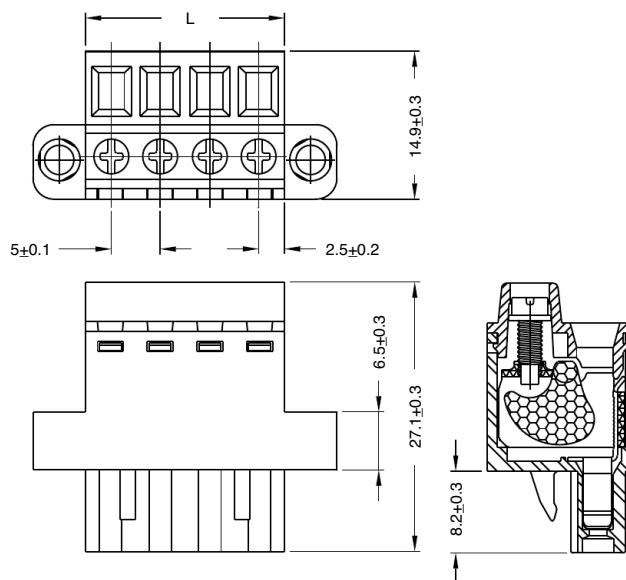
Screw Size: M2.6 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified

**EM311503****Dimensions - mm**

Poles	L (mm)	Poles	L (mm)
2	20.0	14	80.0
3	25.0	15	85.0
4	30.0	16	90.0
5	35.0	17	95.0
6	40.0	18	100.0
7	45.0	19	105.0
8	50.0	20	110.0
9	55.0	21	115.0
10	60.0	22	120.0
11	65.0	23	125.0
12	70.0	24	130.0
13	75.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3115

02

02 to 22

Mating Header: EM2215 pg. 95

Series EM2215

Header with Flanges; (Mates with EM2115, EM3115 Series); 5.00 Centers

SPECIFICATIONS:

Rating: 16A, 300V

Center Spacing: 0.197" (5.00mm)

Housing Material: UL rated 94V0 Thermoplastic

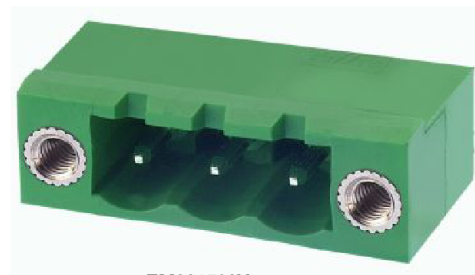
Contact Material: Tin-Plated Brass

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

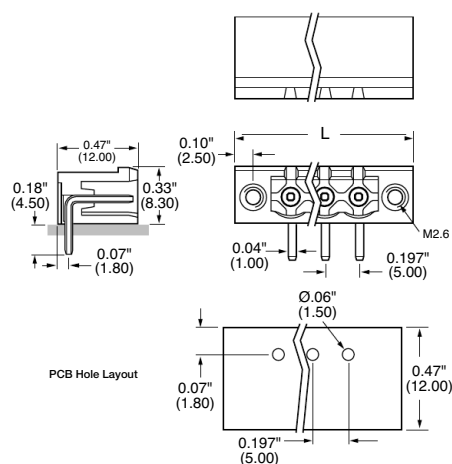
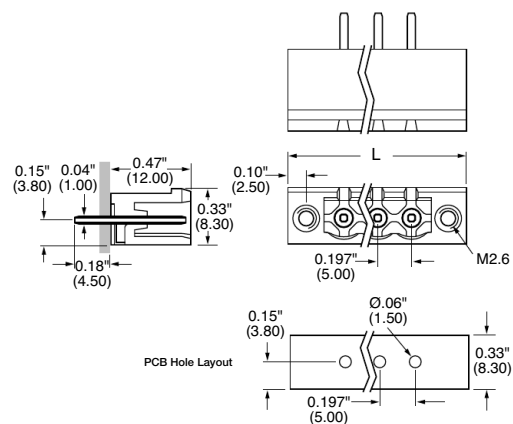
Construction: Mold-to-Length

Agency Information: cULus File E62622; CE Certified

Poles	L (mm)	L (Inch)	Poles	L (mm)	L (Inch)
2	10.0	0.393	13	65.0	2.559
3	15.0	0.590	14	75.0	2.953
4	20.0	0.787	15	80.0	3.150
5	25.0	0.984	16	85.0	3.346
6	30.0	1.181	17	90.0	3.543
7	35.0	1.378	18	95.0	3.740
8	40.0	1.575	19	100.0	3.937
9	45.0	1.772	20	105.0	4.133
10	50.0	1.969	21	110.0	4.331
11	55.0	2.165	22	115.0	4.528
12	60.0	2.362			



EM221503V

Dimensions - in (mm)**HORIZONTAL****VERTICAL****Part Numbering System**

Inches (Millimeters)

Series

EM2215

of Poles

□ □

02 to 22

Orientation

□

H - Horizontal
V - Vertical

Mating Plugs: EM2115 pg. 93
EM3115 pg. 94

Terminal Blocks:
Single RowEuroMag Series
Plug & HeaderEdge Connectors,
One-Sided BoardsCompliance
References

Series EM2118 Series

Pluggable Terminal Block with Flanges;
(Mates with EM2218 Series); 5.08 Centers

SPECIFICATIONS:

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Phosphor Bronze

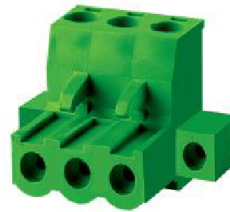
Screw Size: M 2.6 Nickel-Plated Steel

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

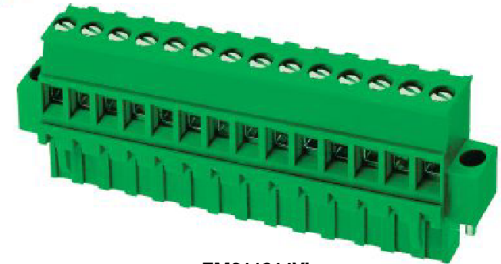
Torque Rating: 7.0 lb-in.

Construction: Mold-to-Length

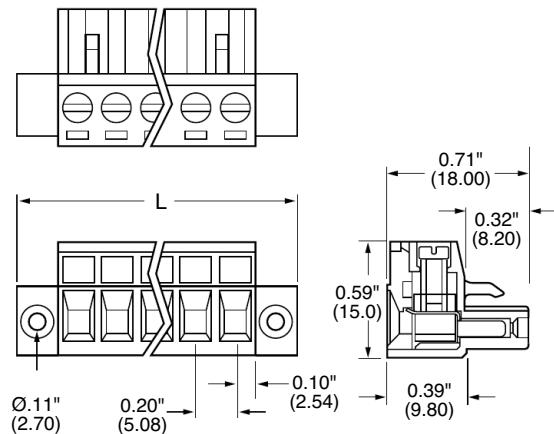
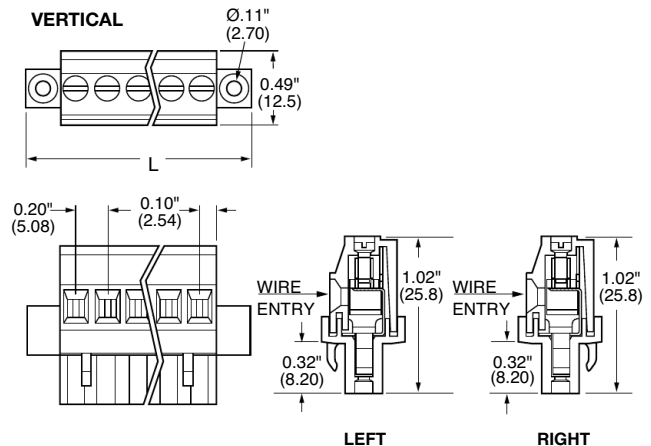
Agency Information: e3 File E62622; CE Certified



EM211803H



EM211814VL

Dimensions - in (mm)**HORIZONTAL****VERTICAL**

Poles	L (mm)	L (Inch)	Poles	L (mm)	L (Inch)
2	20.32	0.8	13	76.20	3.0
3	25.40	1.0	14	81.28	3.2
4	30.48	1.2	15	86.36	3.4
5	35.56	1.4	16	91.44	3.6
6	40.64	1.6	17	96.52	3.8
7	45.72	1.8	18	101.60	4.0
8	50.80	2.0	19	106.68	4.2
9	55.88	2.2	20	111.76	4.4
10	60.96	2.4	21	116.84	4.6
11	66.04	2.6	22	121.92	4.8
12	71.12	2.8			

Part Numbering System

Inches (Millimeters)

Series

EM2118

of Positions

□□

02 to 22

Orientation

□

V - Vertical
H - Horizontal**Wire Entry**

□

L - Left wire entry
R - Right wire entry
(specify for V orientation)**Mating Header:** EM2218 pg. 98

EM3118 Series**EuroMag Terminal Blocks**

Pluggable Block, Top Entry (Mates with EM2218 Series); 5.08 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.20" (5.08mm)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Brass Tin-Plated

Cage Material: Brass, Nickel-Plated

Screw Size: M2.6 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

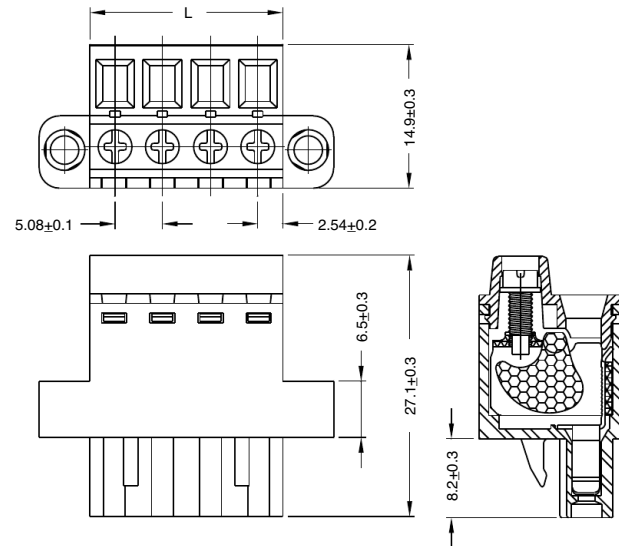
Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM311803

Dimensions - mm

Poles	L (mm)	Poles	L (mm)
2	20.32	13	76.20
3	25.40	14	81.28
4	30.48	15	86.36
5	35.45	16	91.44
6	40.64	17	96.52
7	45.72	18	101.60
8	50.80	19	106.68
9	55.88	20	111.76
10	60.96	21	116.84
11	66.04	22	121.92
12	71.12		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

EM3118

02 22

02 to 22

Mating Header: EM2218 pg. 98

Terminal Blocks:
Single Row

EuroMag Series
Plug & Header

Edge Connectors,
One-Sided Boards

Compliance
References

Series EM2218

Header with Flanges; (Mates with EM2118, EM3118 Series); 5.08 Centers

SPECIFICATIONS:

Rating: 12A, 300V

Center Spacing: 0.20" (5.08mm)

Housing Material: UL rated 94V0 Thermoplastic

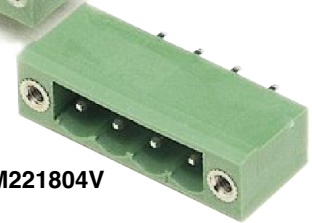
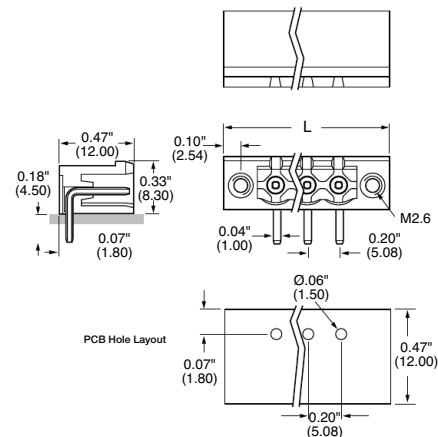
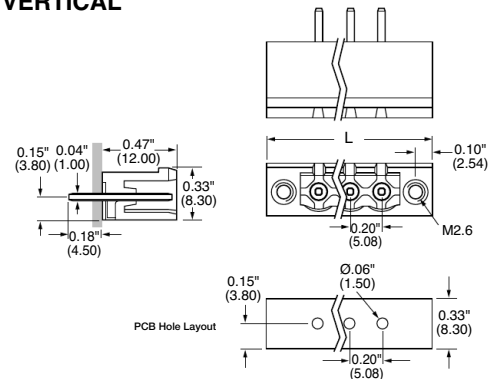
Contact Material: Tin-Plated Brass

Operating Temperature: 105°C (221°F) max., -55°C (-67°F) min.

Recommended PCB Hole Diameters: 0.059" (1.50mm)

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified

EM221804H**EM221804V****Dimensions - in (mm)****HORIZONTAL****VERTICAL****Part Numbering System**

Inches (Millimeters)

Series**EM2218****# of Poles****02 to 22****Orientation****H - Horizontal****V - Vertical**

Mating Plugs: EM2118 pg. 96
EM3118 pg. 97

EM3516 Series**EuroMag Terminal Blocks**

Pluggable Block (Mates with EM3526 Series);
7.62 Centers

SPECIFICATIONS

Rating: 16A, 300V

Center Spacing: 0.30" (7.62mm)

Wire Range: #12-24 AWG

Housing Material: UL rated 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Cage Material: Brass, Nickel-Plated

Screw Size: M3.0 Zinc-Plated Steel

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

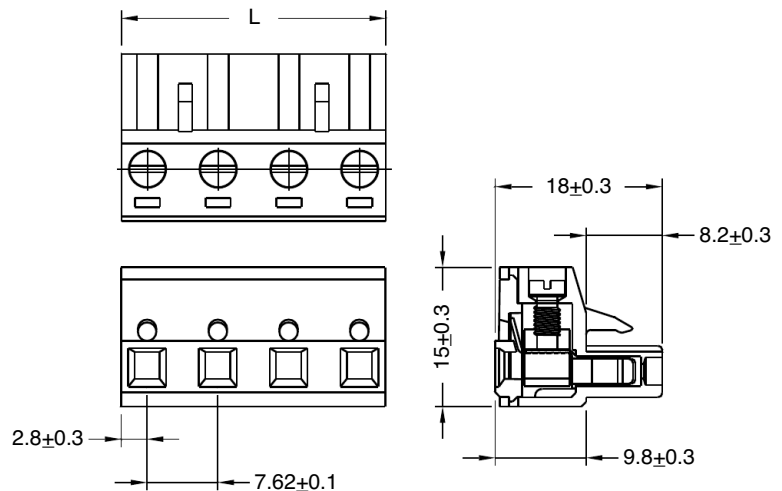
Torque Rating: 4.5 lb-in.

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



EM351603

Dimensions - mm

Poles	L (mm)
2	8.41
3	12.22
4	16.03
5	19.84
6	23.65
7	27.46
8	31.27
9	35.08
10	38.89
11	42.70
12	46.51

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

Mating Header: EM3526 pg. 100

EM3516

02 to 12

EM3526 Series**EuroMag Terminal Blocks**

Closed and Open Header (Mates with EM3516 Series); 7.62 Centers

SPECIFICATIONS

Rating: 15A, 300V

Center Spacing: 0.30" (7.62mm)

Housing Material: UL rated 94V0 Thermoplastic

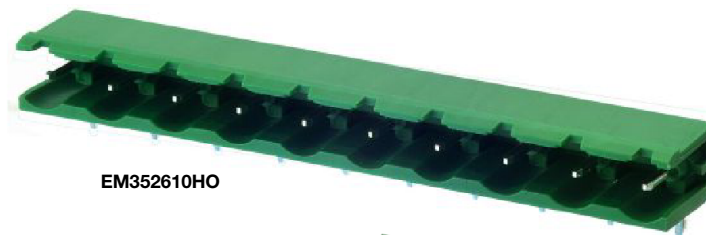
Contact Material: Brass Tin-Plated

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

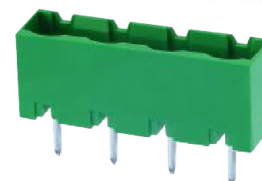
Recommended PCB Hole Diameters: 0.055" (1.40mm)

Construction: Mold-to-Length

Agency Information: eUS File E62622; CE Certified



EM352610HO

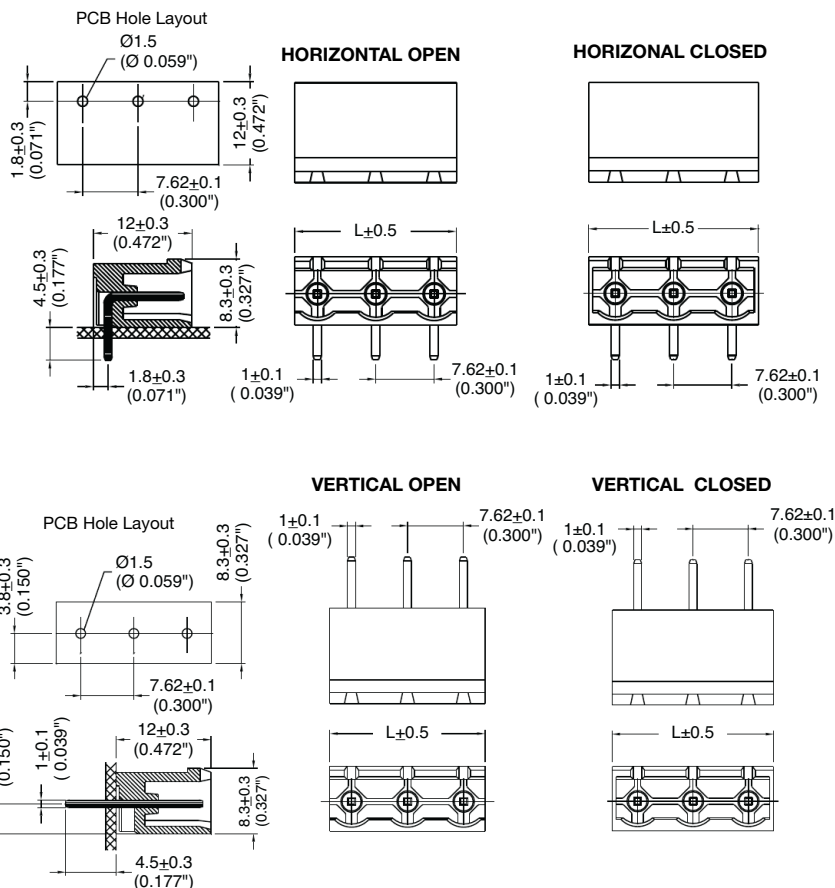


EM352604VC

Dimensions - mm (in)

Poles	Open L (mm)	Closed L (mm)
2	13.44	15.24
3	21.06	22.86
4	28.68	30.48
5	36.60	38.10
6	43.92	45.72
7	51.54	53.34
8	59.16	60.96
9	66.78	68.58
10	74.40	76.20
11	82.02	83.82
12	89.64	91.44

To convert to inches, divide by 25.4

**Part Numbering System**

Series

EM3526

of Poles

02 to 24

Orientation

H - horizontal
V - vertical

Side Base

O - open
C - closed

Mating Plug: EM3516 pg. 99

EM2416 Series
EuroMag Terminal Blocks
Pluggable Block with Flanges (Mates with
EM2426 Series); 7.62 Centers

SPECIFICATIONS
Rating: 16A, 300V
Center Spacing: 0.30" (7.62mm)
Wire Range: #12-24 AWG
Housing Material: UL rated 94V0 Thermoplastic
Contact Material: Tin-Plated Brass
Cage Material: Brass, Nickel-Plated
Screw Size: M2.6 Zinc-Plated Steel
Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.
Torque Rating: 7.0 lb-in.
Construction: Mold-to-Length
Agency Information: File E62622; CE Certified

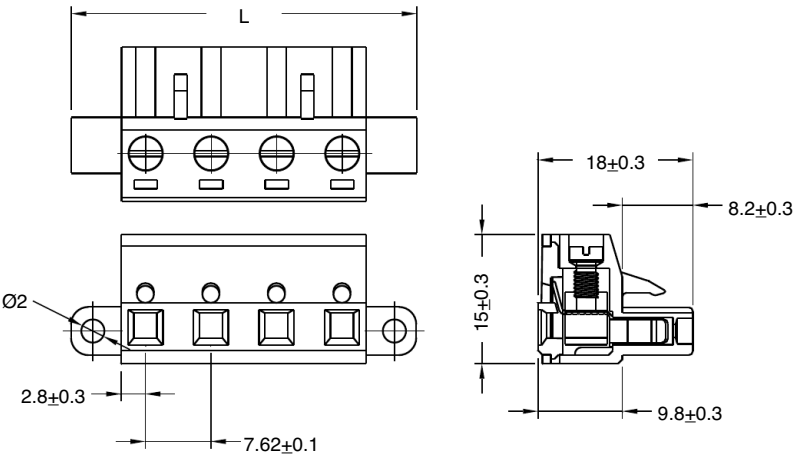


EM241602

Dimensions - mm

Poles	L (mm)
2	24.90
3	32.50
4	40.10
5	47.80
6	55.40
7	63.00
8	70.60
9	78.20
10	89.90
11	93.50
12	101.10

To convert to inches, divide by 25.4



Part Numbering System

Series # of Poles

EM2416

02 to 12

Mating Header: EM2426 pg. 102

EM2426 Series EuroMag Terminal Blocks

Header with Flanges (Mates with EM2416 Series); 7.62 Centers

SPECIFICATIONS

Rating: 15A, 300V

Center Spacing: 0.30" (7.62mm)

Housing Material: UL rated 94V0 Thermoplastic

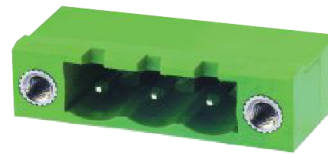
Contact Material: Tin-Plated Brass

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

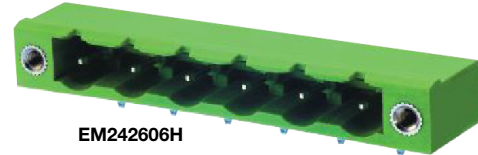
Recommended PCB Hole Diameters: 0.059" (1.50mm)

Construction: Mold-to-Length

Agency Information:  File E62622; CE Certified



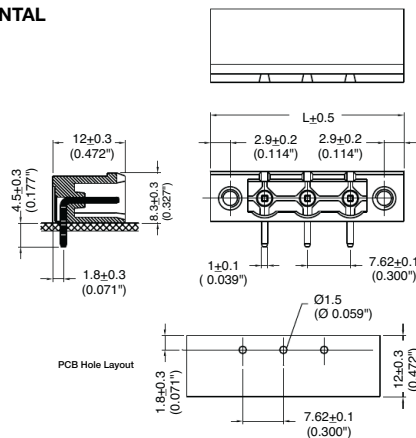
EM242603V



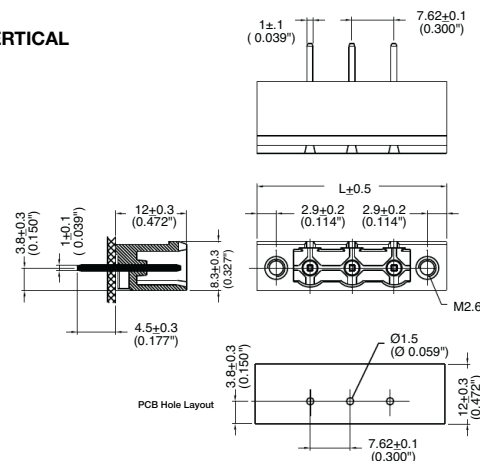
EM242606H

Dimensions - mm (in)

HORIZONTAL



VERTICAL



Poles	L (mm)	Poles	L (mm)
2	25.62	8	71.34
3	33.24	9	78.96
4	40.86	10	86.58
5	48.48	11	94.20
6	56.10	12	101.80
7	63.72		

To convert to inches, divide by 25.4

Part Numbering System

Series

EM2426

of Poles

02

02 to 12

Orientation

H

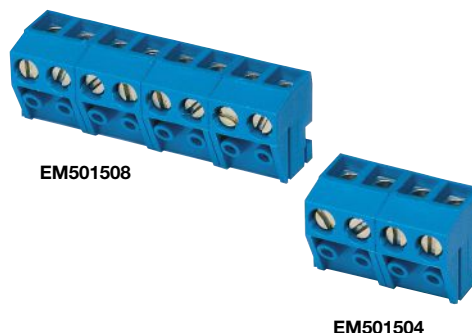
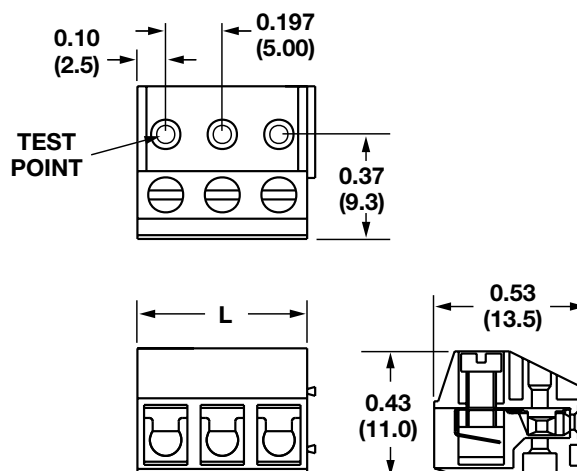
H - horizontal
V - vertical

Mating Plug: EM2416 pg. 101

EM5015 Series**EuroMag Terminal Blocks**

Pluggable Block

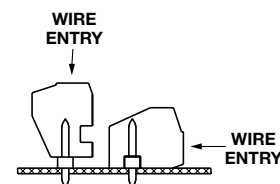
(Mates with EM5025 Series); 5.00 Centers

SPECIFICATIONS**Rating:** 15A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #16-24 AWG**Housing Material:** Blue UL 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Screw Size:** M2x6 Chromatized Steel**Operating Temperature:** 120°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 3.0 lb-in.**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Connector Style:** Spring and Screw**Agency Information:**  US File E62622; CE Certified**Dimensions - in (mm)**

Poles	L (mm)	Poles	L (mm)
2*	10.0	14	70.0
3*	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

*Mold-to-Length

**Mating orientations****Part Numbering System****Series****# of Poles****Mating Header:** EM5025 pg. 104EM5015

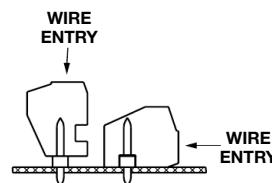
02 to 24

Terminal Blocks:
Single RowEuroMag Series
Plug & HeaderEdge Connectors,
One-Sided BoardsCompliance
References

EM5025 Series**EuroMag Terminal Blocks**

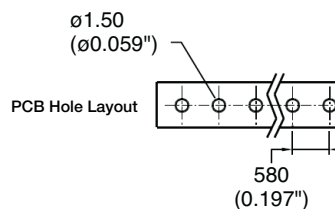
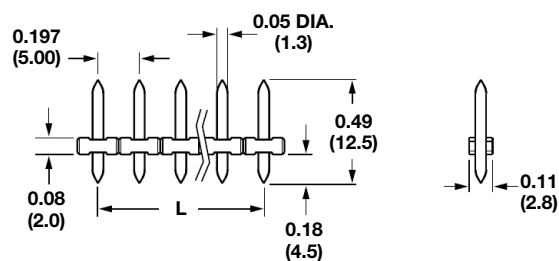
Header (Mates with EM5015 Series);

5.00 Centers

SPECIFICATIONS**Rating:** 15A, 300V**Center Spacing:** 0.197" (5.00mm)**Housing Material:** Black UL 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Operating Temperature:** 120°C (221°F) max., -40°C (-40°F) min.**Recommended PCB Hole Diameters:** 0.059" (1.50mm)**Construction:** Mold-to-Length**Agency Information:**  File E62622; CE Certified**Mating orientations**

Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Dimensions - in (mm)**Part Numbering System****Series****# of Poles****Mating Plug:** EM5015 pg. 103**EM5025**

02 to 24

EM5035 Series**EuroMag Terminal Blocks**

Pluggable Block, Stackable

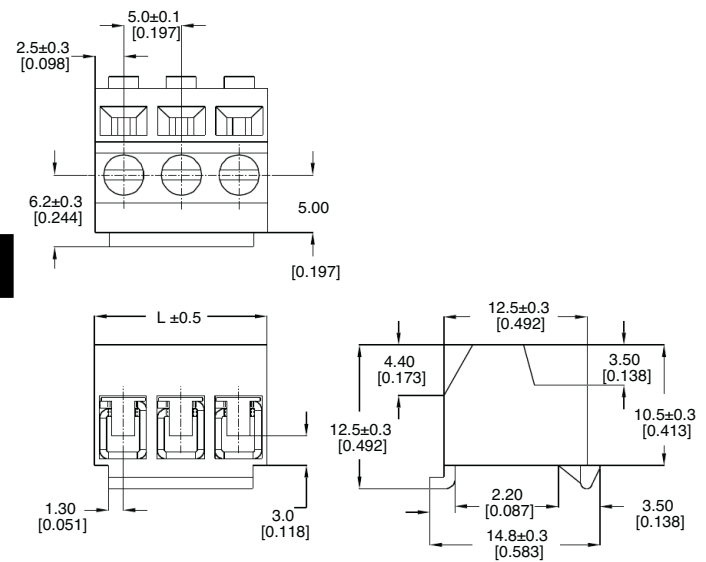
(Mates with EM5045 Series) 5.00 Centers

SPECIFICATIONS**Rating:** 10A, 300V**Center Spacing:** 0.197" (5.00mm)**Wire Range:** #16-24 AWG**Housing Material:** Black UL 94V0 Thermoplastic**Contact Material:** Tin-Plated Brass**Wire Protector:** Phosphor Bronze, Tin-Plated**Screw Size:** M2.6 Chromatized Steel**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.**Torque Rating:** 3.0 lb-in.**Construction:** Modular design features dovetails for interlocking to achieve longer lengths**Agency Information:**  File E62622; CE Certified

EM503503

EM503502

Shown with EM5045series header - order separately

Dimensions - mm (in)

Poles	L (mm)	Poles	L (mm)
2	10.0	14	70.0
3	15.0	15	75.0
4	20.0	16	80.0
5	25.0	17	85.0
6	30.0	18	90.0
7	35.0	19	95.0
8	40.0	20	100.0
9	45.0	21	105.0
10	50.0	22	110.0
11	55.0	23	115.0
12	60.0	24	120.0
13	65.0		

To convert to inches, divide by 25.4

Part Numbering System

Series

of Poles

Mating Header: EM5045 pg. 106

EM5035

02 to 24

Terminal Blocks:
Single RowEuroMag Series
Plug & HeaderEdge Connectors,
One-Sided BoardsCompliance
References

