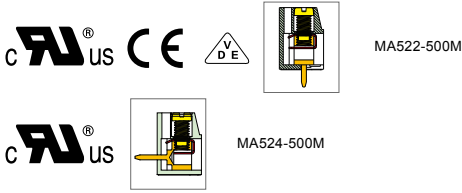


# MA522, MA524 PCB Terminal Block, Modular



Dimensions/Positions

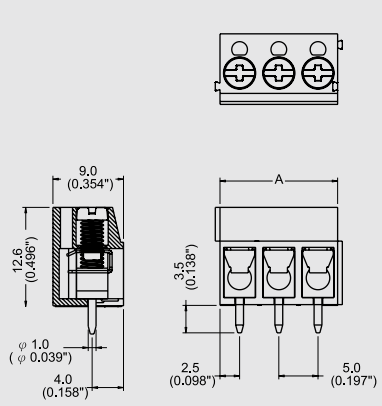
MA522-500M

MA524-500M

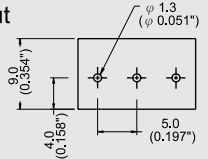
間距	Pitch	5.00mm	5.00mm
尺寸a	Dimension a	5.00mm	5.00mm
長度 A	Length	A= 5.00xP(P≥2)	A= 5.00xP(P≥2)
塑膠本體	Housing Material	PA 66	PA 66
彈片	Spring	Brass, Tin Plated	Brass, Stainless Steel
端子	Contact	Brass, Tin Plated	Stainless Steel
螺紋	Screw Thread	M3.0, Steel, Zinc Plated	M2.0, Steel, Zinc Plated
電線線徑	Wire Size	14 ~ 22AWG	12 ~ 22AWG
PCB孔徑	PCB Hole Diameter	1.3mm	1.3mm
最大緊固扭距	Tightening Torque, Max.	4.0 Lb-in	4.0 Lb-in
環境作業溫度	Operating Temperature	-40°C to +105°C	-40°C to +105°C

TECHNICAL DATA

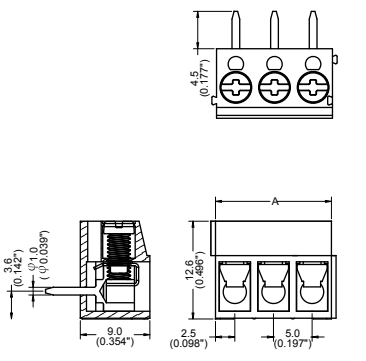
絕緣材料組	Insulating Material group	I	I
額定電涌電壓(III/3)	Rated surge voltage (III/3)	4 kV	4 kV
額定電涌電壓(III/2)	Rated surge voltage (III/2)	4 kV	4 kV
額定電涌電壓(II/2)	Rated surge voltage (II/2)	4 kV	4 kV
額定電壓(III/3)	Rated voltage(III/3)	-	250V
額定電壓(III/2)	Rated voltage(III/2)	320V	320V
額定電壓(II/2)	Rated voltage(II/2)	630V	630V
連接符合標準	Connection in acc. with standard EN-VDE		
額定電流I <sub>N</sub>	Nominal Current I <sub>N</sub>	16A	-
額定橫截面	Nominal Cross Section	0.2~2.5mm <sup>2</sup>	-
最大負載電流	Maximum load current	16A	-
絕緣材料	Insulating Material	PA	PA
阻燃等級, 符合UL94	Inflammability class acc. to UL94	V0	V0
額定電壓, UL/CUL標準B組	Nominal voltage, UL/CUL Use Group B	300V	300V
額定電流, UL/CUL標準B組	Nominal current, UL/CUL Use Group B	16A	16A
額定電壓, UL/CUL標準C組	Nominal voltage, UL/CUL Use Group C	300V	-
額定電流, UL/CUL標準C組	Nominal current, UL/CUL Use Group C	16A	-



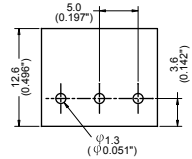
PCB Layout



Note:  
Screw Plating: Changes are available upon request



PCB Layout



Note:  
Screw Plating: Changes are available upon request

# MA525, MA527 PCB Terminal Block, Modular



MA525-500M



MA527-500M



MA525-500M



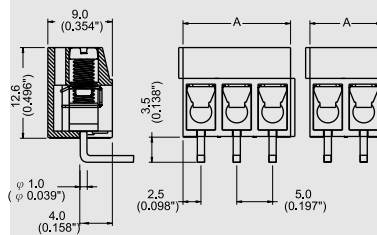
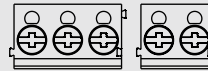
MA527-500M

Dimensions/Positions

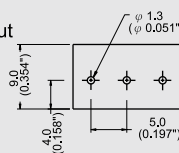
間距	Pitch	5.00mm	5.00mm
尺寸a	Dimension a	5.00mm	5.00mm
長度 A	Length	A= 5.00xP(P≥2)	A= 5.00xP(P≥2)
塑膠本體	Housing Material	PA 66	PA 66
彈片	Spring	Stainless Steel	Stainless Steel
端子	Contact	Brass, Tin Plated	Brass, Tin Plated
螺紋	Screw Thread	M3.0, Steel, Zinc Plated	M3.0, Steel, Zinc Plated
電線線徑	Wire Size	14 ~ 22AWG	14 ~ 22AWG
PCB孔徑	PCB Hole Diameter	1.3mm	1.8mm
最大緊固扭矩	Tightening Torque, Max.	4.0 Lb-in	-
環境作業溫度	Operating Temperature	-40°C to +105°C	-40°C to +105°C

TECHNICAL DATA

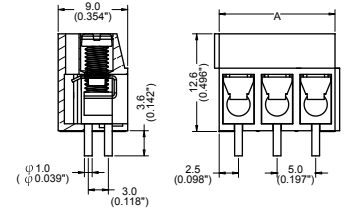
絕緣材料組	Insulating Material group	I	I
額定電涌電壓(III/3)	Rated surge voltage (III/3)	5 kV	5 kV
額定電涌電壓(III/2)	Rated surge voltage (III/2)	5 kV	5 kV
額定電涌電壓(II/2)	Rated surge voltage (II/2)	5 kV	5 kV
額定電壓(III/3)	Rated voltage(III/3)	250V	250V
額定電壓(II/2)	Rated voltage(II/2)	500V	500V
絕緣材料	Insulating Material	PA	PA
阻燃等級, 符合UL94	Inflammability class acc. to UL94	V0	V0
額定電壓, UL/CUL標準B組	Nominal voltage, UL/CUL Use Group B	300V	300V
額定電流, UL/CUL標準B組	Nominal current, UL/CUL Use Group B	16A	16A



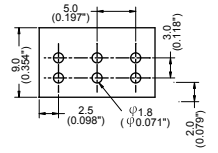
PCB Layout



Note:  
 Screw Plating: Changes are available upon request



PCB Layout



Note:  
 Screw Plating: Changes are available upon request

# MA612, MA622 PCB Terminal Block, Modular



MA612-750M



MA622-500M



## Dimensions/Positions

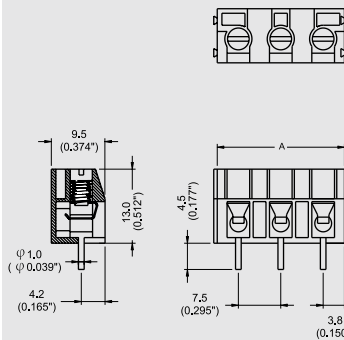
MA612-750M

MA622-500M

間距	Pitch	7.50mm	5.00mm
尺寸a	Dimension a	7.50mm	5.00mm
長度 A	Length	A= 7.50xP(P≥2)	A= 5.00xP(P≥2)
塑膠本體	Housing Material	PA 66	PA 66
彈片	Spring	Stainless Steel	Stainless Steel
端子	Contact	Brass, Tin Plated	Brass, Tin Plated
螺紋	Screw Thread	M3.0, Steel, Zinc Plated	M3.0, Steel, Zinc Plated
電線線徑	Wire Size	14 ~ 22AWG	14 ~ 22AWG
PCB孔徑	PCB Hole Diameter	1.4mm	1.8mm
最大緊固扭距	Tightening Torque, Max.	-	2.23 Lb-in
環境作業溫度	Operating Temperature	-40°C to +105°C	-40°C to +105°C

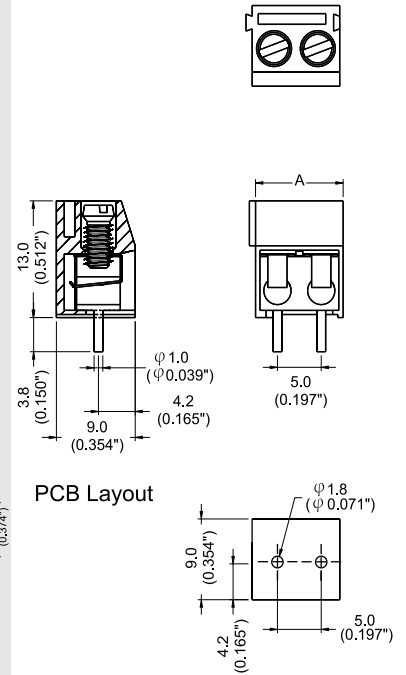
## TECHNICAL DATA

絕緣材料組	Insulating Material group	I	I
額定電涌電壓(III/3)	Rated surge voltage (III/3)	5 kV	4 kV
額定電涌電壓(III/2)	Rated surge voltage (III/2)	5 kV	4 kV
額定電涌電壓(II/2)	Rated surge voltage (II/2)	5 kV	4 kV
額定電壓(III/3)	Rated voltage(III/3)	250V	250V
額定電壓(III/2)	Rated voltage(III/2)	-	250V
額定電壓(II/2)	Rated voltage(II/2)	500V	250V
絕緣材料	Insulating Material	PA	PA
阻燃等級, 符合UL94	Inflammability class acc. to UL94	V0	V0
額定電壓, UL/CUL標準B組	Nominal voltage, UL/CUL Use Group B	300V	300V
額定電流, UL/CUL標準B組	Nominal current, UL/CUL Use Group B	10A	20A
額定電壓, UL/CUL標準D組	Nominal voltage, UL/CUL Use Group D	-	300V
額定電流, UL/CUL標準D組	Nominal current, UL/CUL Use Group D	-	10A



PCB Layout

Note:  
Screw Plating: Changes are available upon request



PCB Layout

Note:  
Screw Plating: Changes are available upon request