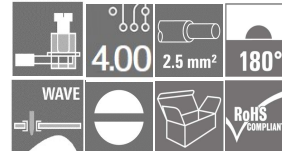
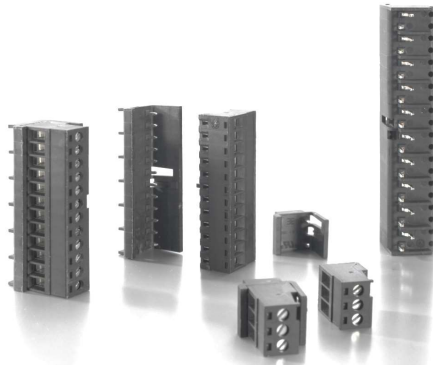


ROTARMATE 4.00mm

Plugable Connector

Weidmüller Interface (Shanghai) Co., Ltd.
 25F, BM Intercontinental Business Center, 100 Yutong Rd.
 Shanghai, 200070, P.R. China
 Tel: +86 21 2219 5008
 Fax: +86 21 2219 5009
www.weidmueller.com



- 300 V (UL)
- 10A (UL)

PCB connector in 180° mounting with proven clamping yoke connection
 At 4.00 mm pitch and conductor outlet direction in 90°
 Suitable for conductor cross-sections up to 2.5mm²
 Rotating mating and unmating
 Contact in tin plating
 Secured fixation via zig-zag solder pin
 Connector from 3 to 20 poles are available

General ordering data

Solder pin length			3.2mm		
Color			Black		
Pitch	4.00mm		Package unit	Order no.	Type
Pole no.	Length mm	Length inch			
3	13.03	0.513	160	2760970000	SET BSCZ/SSC 4.00/03/90/3.2 SN BK SO
4	17.03	0.670	120	2760980000	SET BSCZ/SSC 4.00/04/90/3.2 SN BK SO
5	21.03	0.828	90	2760990000	SET BSCZ/SSC 4.00/05/90/3.2 SN BK SO
6	25.03	0.985	70	2761000000	SET BSCZ/SSC 4.00/06/90/3.2 SN BK SO
7	29.03	1.143	70	2761010000	SET BSCZ/SSC 4.00/07/90/3.2 SN BK SO
8	33.03	1.300	60	2761020000	SET BSCZ/SSC 4.00/08/90/3.2 SN BK SO
10	41.03	1.615	50	2761040000	SET BSCZ/SSC 4.00/10/90/3.2 SN BK SO
11	45.03	1.773	40	2761050000	SET BSCZ/SSC 4.00/11/90/3.2 SN BK SO
12	49.03	1.930	40	2761060000	SET BSCZ/SSC 4.00/12/90/3.2 SN BK SO
14	57.03	2.245	30	2761080000	SET BSCZ/SSC 4.00/14/90/3.2 SN BK SO
16	65.03	2.560	30	2761100000	SET BSCZ/SSC 4.00/16/90/3.2 SN BK SO
18	73.03	2.875	20	2761120000	SET BSCZ/SSC 4.00/18/90/3.2 SN BK SO
20	81.03	3.190	20	2761140000	SET BSCZ/SSC 4.00/20/90/3.2 SN BK SO

Package in box

Can offer contact in gold plating, in case of request other pole version not listed please contact us

Datasheet

ROTARMATE 4.00mm

Plugable Connector

Technical data

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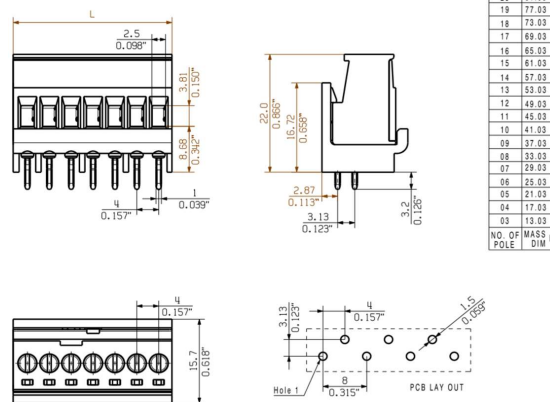
System parameters

Product name	ROTARMATE 4.00mm	Rated voltage	300 V (UL1059 Group D)
Number of poles	3,4,5,6,7,8,10,11,12,14,16,18,20	Rated current	10 A
Conductor outlet direction	90°	Contact resistance	5mΩ Max.
Wire cross sections	AWG22~AWG14 / 0.5 ~ 2.5mm ²	Dielectric withstand	3000 VAC/4242 VDC
Stripping length	6.00 mm	Soldering	wave
Screw driver blade	0.5x3 mm	Solder pin dimension	1x1mm
Tighten torque, Min	0.4 Nm	Solder pin length	3.2 mm
Tighten torque, Max	0.6 Nm	PCB pad hole size	Φ1.5 mm +/-0.1
Certification		Mating cycles	25

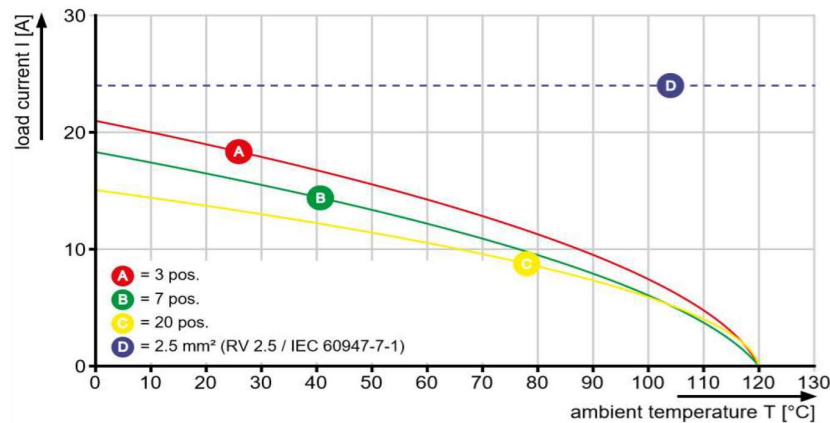
Material

Insulating material	PA	Color	black
Flammability	UL94 / V-0	CTI	≥600
Contact material	copper alloy	Contact surface	tinned
Operating temperature	-40°C ~ 120°C (according to derating curve)	Storage temperature	-40°C ~ 70°C

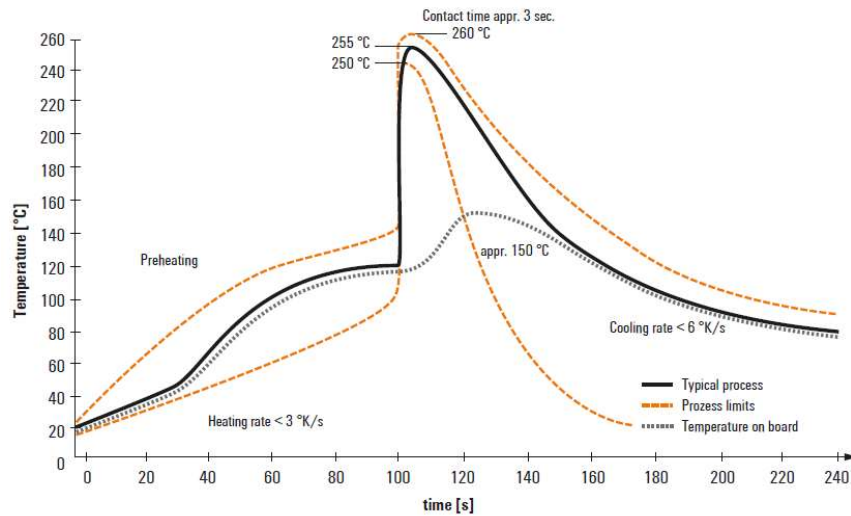
Drawing



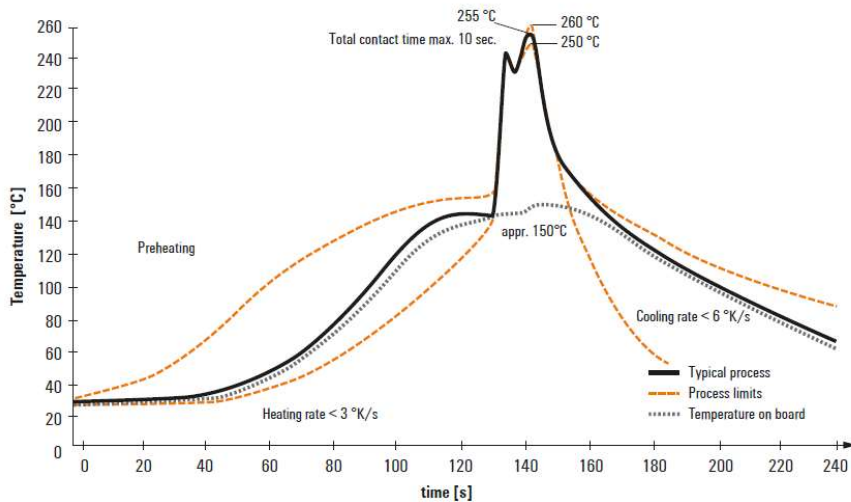
Derating curve



Single Wave:



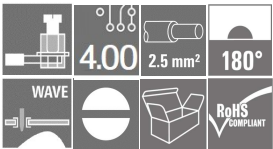
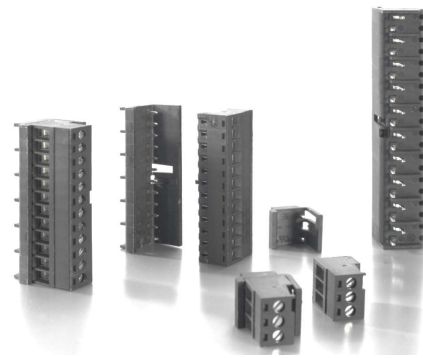
Double Waves



ROTARMATE 4.00mm 系列

插拔式连接器

Weidmüller Interface (Shanghai) Co., Ltd.
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- 300 V (UL)
- 10A (UL)

180° PCB安装连接器采用可靠的压线框接线
4 mm间距，带90°出线角
最大可接2.5mm²导线
转动式插拔操作
对插触点镀锡
焊脚错位排列，固定更牢
3-20PIN型号可选

订货数据

焊接长度				3.2mm	
颜色				黑色	
间距	4.00mm			回路数	型号
	L长度 mm	L长度 inch	包装数		
3	13.03	0.513	160	2760970000	SET BSCZ/SSC 4.00/03/90/3.2 SN BK SO
4	17.03	0.670	120	2760980000	SET BSCZ/SSC 4.00/04/90/3.2 SN BK SO
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20	81.03	3.190	20	2761140000	SET BSCZ/SSC 4.00/20/90/3.2 SN BK SO

以上产品为纸盒包装
可提供镀金版本，如有其他回路数要求请联系我们

ROTARMATE 4.00mm 系列

插拔式连接器

技术数据

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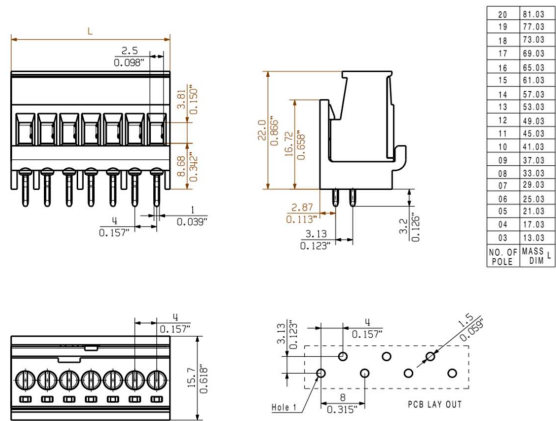
系统参数

产品系列	ROTARMATE	额定电压	300 V (UL1059 Group D)
位数	3,4,5,6,7,8,10,11,12,14,16,18,20	额定电流	10 A
进线方向	90°	接触电阻	5mΩ Max.
接线范围	AWG22~AWG14 / 0.5 ~ 2.5mm ²	耐电压值	3000 VAC/4242 VDC
剥线长度	6.00 mm	可焊性	波峰焊
螺丝刀	0.5x3 mm	焊针尺寸	1X1mm
拧紧扭矩	0.4-0.6 Nm	焊针长度	3.2 mm
最小破坏扭矩	0.8 Nm	PCB焊盘开孔尺寸	Φ1.5 mm +/-0.1
认证		插拔次数	25

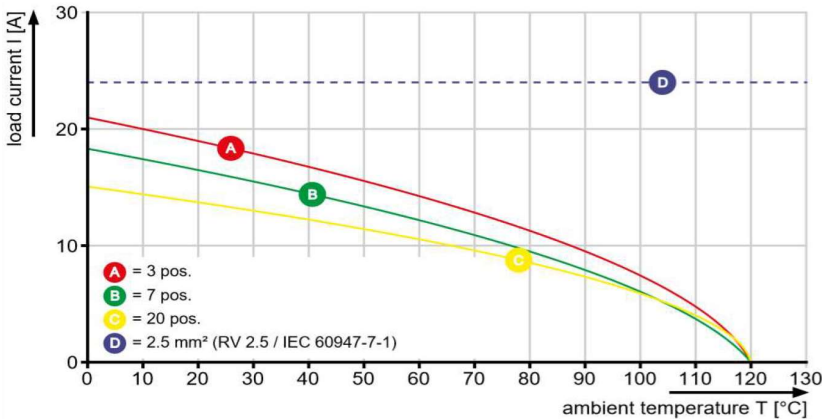
材料

绝缘材料	尼龙	颜色	黑色
阻燃等级	UL94 / V-0	CTI	≥600
触点材料	铜合金	电镀规格	镀锡
工作温度	-40°C ~ 120°C (应用参考降额曲线)	存储温度	-40°C ~ 70°C

图纸



降额曲线

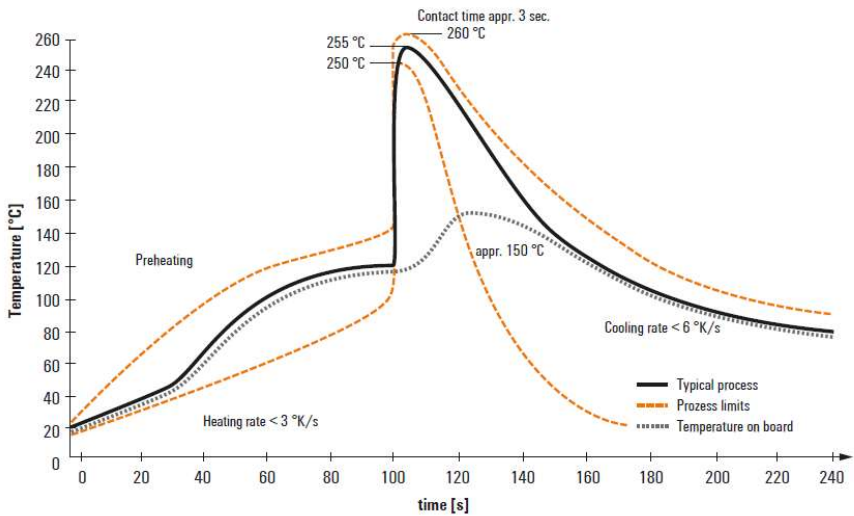


波峰焊曲线

推荐的波峰焊曲线

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单波峰焊



双波峰焊

