

## PC board connectors, TOP connection

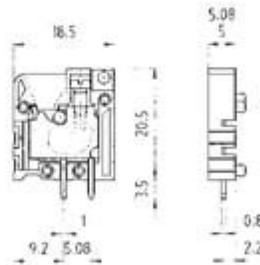
### Spacing: 5.00/5.08 mm

Rated cross section:  
2.5 mm<sup>2</sup>

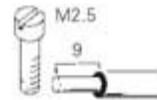
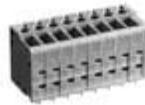
Rated current:  
16 A

Connection range:  
0.14 – 4.0 mm<sup>2</sup> solid/  
0.14 – 2.5 mm<sup>2</sup> fine stranded

250 V/4 kV/3 – Overvoltage category III  
\*690 V/4 kV/2 – Overvoltage category II  
1000 V/4 kV/1 – Overvoltage category I



Material  
Insulating housing:  
PA 66/6 gray, UL 94-V0  
Clamping body: zinc-plated steel  
Contact clip with solder pin:  
tin-plated E copper  
Clamping piece: zinc-plated steel  
Clamping screw: zinc-plated steel



Solder pin 0.8 x 1.0 mm  
Bore hole Ø 1.3 mm

\* max. 600 V for ungrounded networks or expected overvoltage ≤ 4 kV

Rated voltages VDE 0110

UL ratings

field/factory wiring

CSA ratings

Approvals

#### Type 8185 TOP V

wire vertical to PC board

No. 22/30 – 12 AWG

300 V 20/25 A

No. 22 – 12 AWG

300 V 20 A



#### Type 8285 TOP V

No. 22/30 – 12 AWG

300 V

No. 22 – 12 AWG

300 V



Connector assemblies	Spacing: 5.00 mm				Spacing: 5.08 mm			
	Type	Part no.	Std. pack	Type	Part no.	Std. pack		
Single poles, snap together	2-pole	8185 TOP V	25.741.0253.0	100	8285 TOP V	25.751.0253.0	100	
	3-pole	8185 TOP V	25.741.0353.0	100	8285 TOP V	25.751.0353.0	100	
	4-pole	8185 TOP V	25.741.0453.0	50	8285 TOP V	25.751.0453.0	50	
	5-pole	8185 TOP V	25.741.0553.0	50	8285 TOP V	25.751.0553.0	50	
	6-pole	8185 TOP V	25.741.0653.0	50	8285 TOP V	25.751.0653.0	50	
	7-pole	8185 TOP V	25.741.0753.0	50	8285 TOP V	25.751.0753.0	50	
	8-pole	8185 TOP V	25.741.0853.0	50	8285 TOP V	25.751.0853.0	50	
	9-pole	8185 TOP V	25.741.0953.0	50	8285 TOP V	25.751.0953.0	50	
	10-pole	8185 TOP V	25.741.1053.0	50	8285 TOP V	25.751.1053.0	50	
	11-pole	8185 TOP V	25.741.1153.0	50	8285 TOP V	25.751.1153.0	50	
	12-pole	8185 TOP V	25.741.1253.0	50	8285 TOP V	25.751.1253.0	50	
	13-pole	8185 TOP V	25.741.1353.0	50	8285 TOP V	25.751.1353.0	50	
	14-pole	8185 TOP V	25.741.1453.0	50	8285 TOP V	25.751.1453.0	50	
	15-pole	8185 TOP V	25.741.1553.0	50	8285 TOP V	25.751.1553.0	50	
	16-pole	8185 TOP V	25.741.1653.0	50	8285 TOP V	25.751.1653.0	50	
	<b>Spacings: 5.00 and 5.08 mm</b>							
1pole	8185 TOP V	25.741.0053.0	100	8285 TOP V	25.751.0053.0	100		
End plate	AP 8385 TOP N	07.300.4753.0	50	AP 8385 TOP N	07.300.4753.0	50		
Marking tag carrier, snap-on	1pole	04.242.4253.0	100	04.242.4253.0	100			
Marking tag carrier, snap-on, for group marking, 5.00 mm wide		BZ 8185 TOP N	04.242.5853.0	50				