

PC board connectors, TOP connection

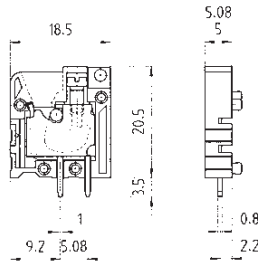
Spacing: 5.00/5.08 mm

Rated cross section:
2.5 mm²

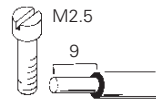
Rated current:
16 A

Connection range:
0.14 – 4.0 mm² solid/
0.14 – 2.5 mm² 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 20/25 A
No. 22 – 12 AWG 300 V 20 A



Connector assemblies		Type	Part no.	Std. pack	Type	Part no.	Std. pack	
		Spacing: 5.00 mm			Spacing: 5.08 mm			
	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	
Single poles, snap together								
Spacings: 5.00 and 5.08 mm		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			
Marking tag strips		unmarked	9705 A/5/10	04.242.5053.0	25			
		¹⁾ marked	9705 A/5/10 B	04.842.5053.0	25			
Tear-off marking strip		marked 1, 2, 3 ... 0	9704 A/1-0 B	04.841.2150.0	25			
Single tag		unmarked	9705 A	04.242.0800.0				
		¹⁾ marked	9705 AB	04.842.0850.0	500			
Adhesive marking tag strip		1 – 12 (100 x)		04.007.4089.0	1			
		13 – 24 (100 x)		04.007.4189.0	1			
¹⁾ Marking upon request								