

SMC 072

Modular Supports



Width of PCB:
72 mm (2.835 in)



Support Type:
MODULAR



Standard Colour:
GREEN



Thickness of PCB:
.063 in (1.6 mm)



SMC072



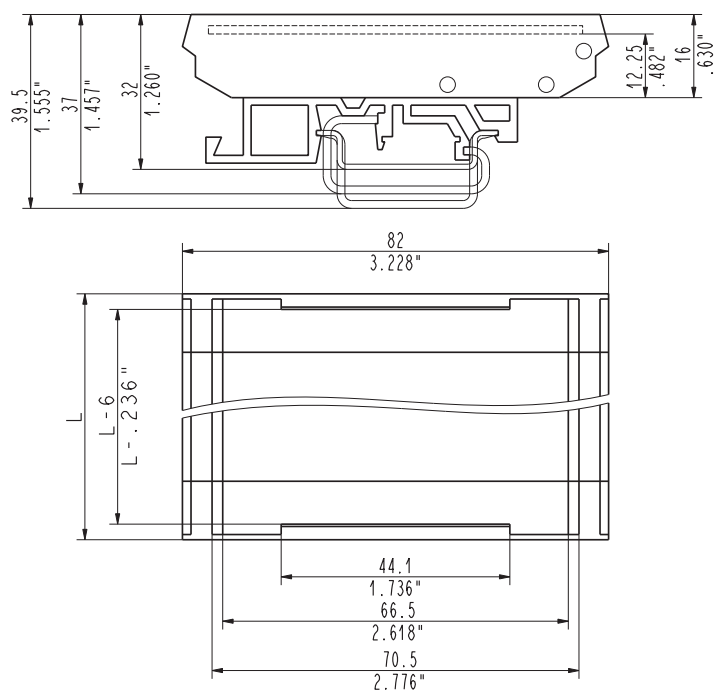
SMC 072

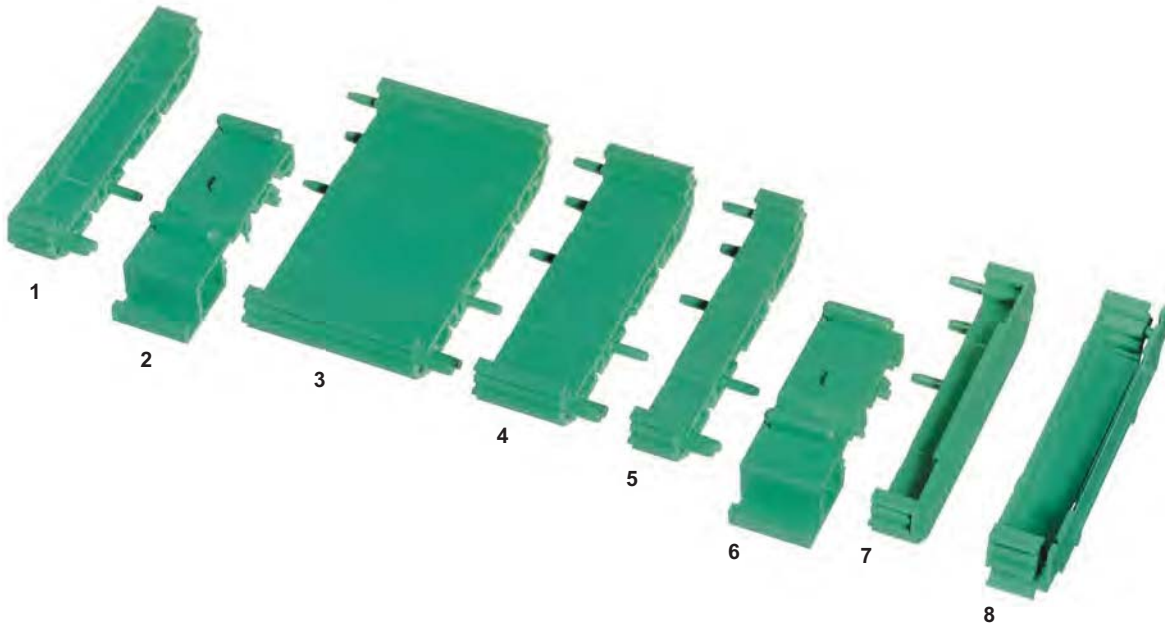
Modular Supports for 72 mm (2.835 in) Wide Boards

Base Elements with two **Lateral Elements** and one or two **DIN Rail Hooks** are combined together in order to obtain PCB Supports according to the following table.

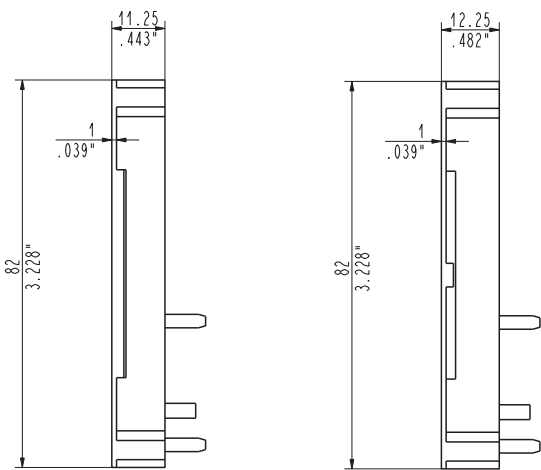
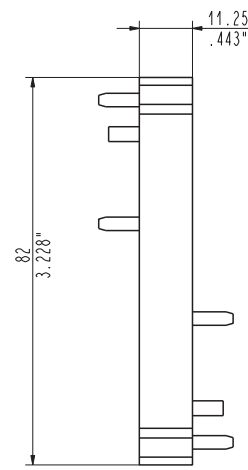
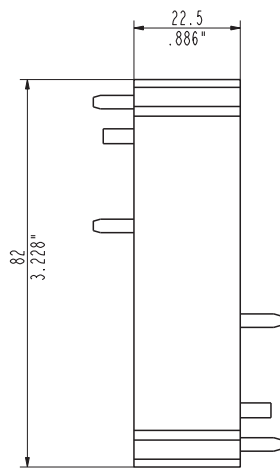
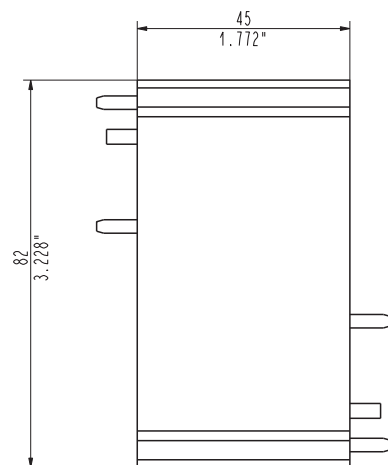
For 11 mm (.433 in) wide PCBs, a single **Complete Module** is provided by assembling two parts together.

Modular Supports for 72 mm (2.835 in) Wide Boards



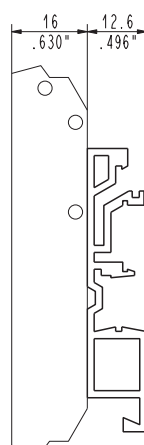


- | | |
|---|------------|
| 1 | SMC072T011 |
| 2 | SMC072P020 |
| 3 | SMC072S045 |
| 4 | SMC072S022 |
| 5 | SMC072S011 |
| 6 | SMC072P020 |
| 7 | SMC072T011 |
| 8 | SMC072T013 |

**Lateral Element****SMC072T011****SMC072T012****Base Element****SMC072S011****Base Element****SMC072S022****Base Element****SMC072S045**

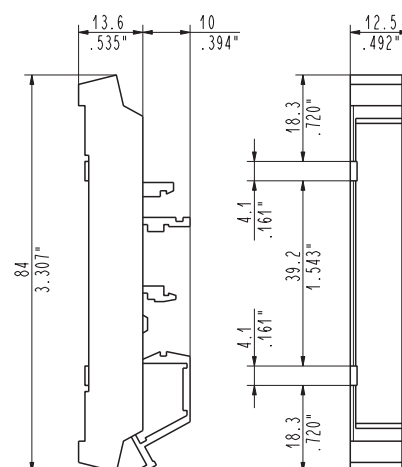
Modular Supports

DIN Rail Hook



SMC072P020

Complete Module



SMC072T013

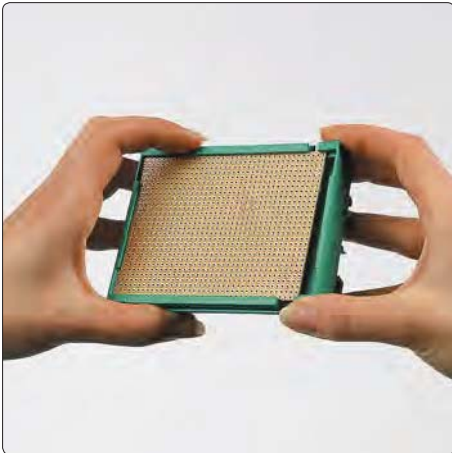
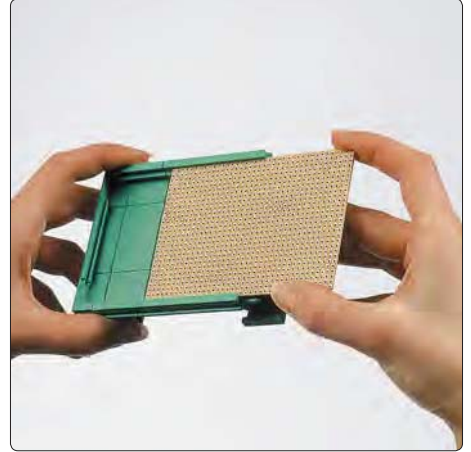
Description	Part-Number	Pcs / pack
Lateral Element with Rail Hook	SMC072T011	50
Base Element	SMC072S011	50
Base Element	SMC072S022	50
Base Element	SMC072S045	50
DIN Rail Hook	SMC072P020	50
Complete Module	SMC072T013	50

The following table shows the configuration of support elements and the corresponding total length of the assembled support and the length of the PCB.

Length of PCB		Length of support		Lateral Element	Base Element	Base Element	Base Element	DIN Rail Hook	Complete Module
(mm)	(in)	(mm)	(in)	SMC072T011	SMC072S011	SMC072S022	SMC072S045	SMC072P020	SMC072T013
11,00	.433	12,50	.492						1
20,00	.787	22,50	.886	2				1	
31,25	1.230	33,75	1.329	2	1			1	
42,50	1.673	45,00	1.772	2		1		2	
53,75	2.116	56,25	2.215	2	1	1		2	
65,00	2.559	67,50	2.657	2			1	2	
76,25	3.002	78,75	3.100	2	1		1	2	
87,50	3.445	90,00	3.543	2		1	1	2	
98,75	3.888	101,25	3.986	2	1	1	1	2	
110,00	4.331	112,50	4.429	2			2	2	
121,25	4.774	123,75	4.872	2	1		2	2	

EXAMPLES OF INSTALLATION

SMC 072 Modular Supports



SMC 107

Modular Supports



Width of PCB:
107.5 mm (4.232 in)



Support Type:
MODULAR



Standard Colour:
GREEN



Thickness of PCB:
.063 in (1.6 mm)



SMC107



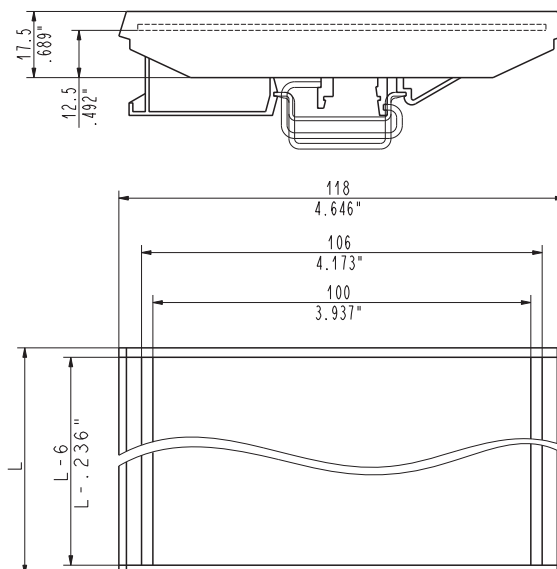
SMC 107

Modular Supports for 107.5 mm (4.232 in) Wide Boards

Base Elements and **Lateral Elements** are combined together to obtain PCB Supports according to the table on the next page. At least one of the **Base Elements** must be provided with a **Hook**. 2 to 4 **Stiffening Copper Alloy Elements** must be inserted between any two **Base Elements**.

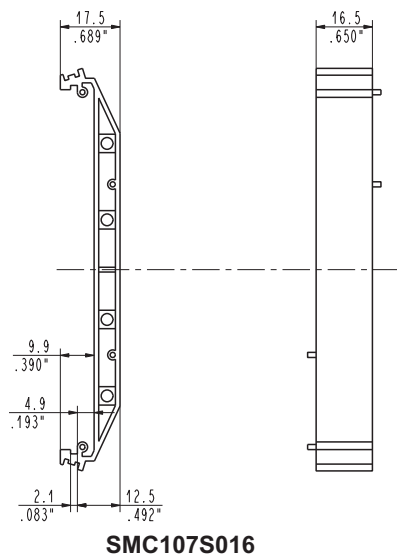
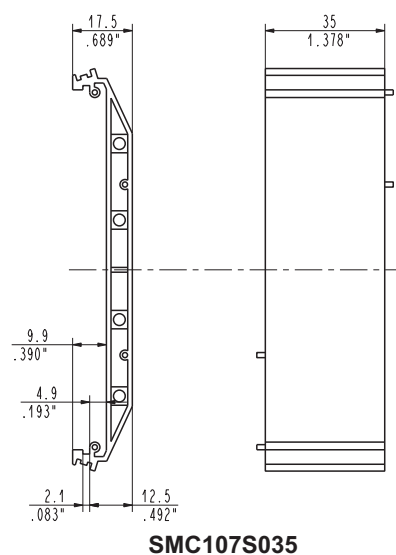
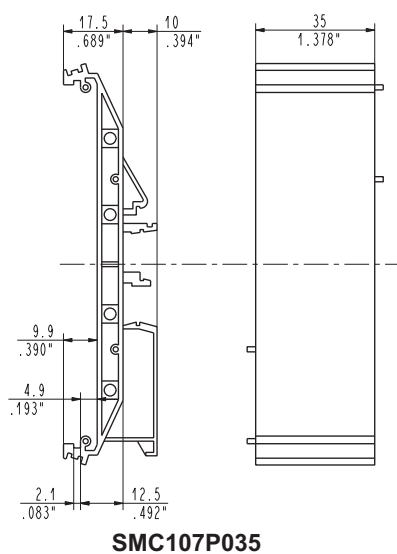
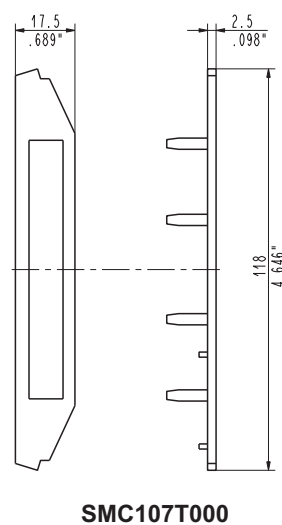
For a correct mounting of the PCB Support, if an **SMC107S016 Base Element** is used, it **must be positioned between two SMC107S035 or SMC107P035 Base Elements**.

Modular Supports for 107.5 mm (4.232 in) Wide Boards





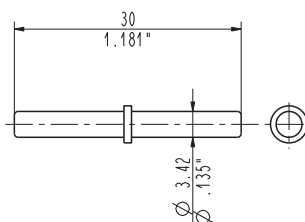
- 1 SMC107T000
- 2 SMC107P035
- 3 SMC107S00T
- 4 SMC107S035
- 5 SMC107S016
- 6 SMC107P035
- 7 SMC107T000

**Base Element****Base Element****Base Element with Hook****Lateral Element**

Description	Part-Number	Pcs / pack
Base Element	SMC107S016	50
Base Element	SMC107S035	50
Base Element with Hook	SMC107P035	50
Lateral Element	SMC107T000	100

Modular Supports

Stiffening Copper Alloy Element



SMC107S00T

SMC107S00T

Stiffening Elements

Stiffening Copper Alloy Elements are used to increase the **strength** of the **Modular Supports** and must be inserted into the proper Base Element holes at every juncture between an Element and the adjacent one.

They can be used from 2 to 4 per side between two SMC107S035 or SMC107P035 Elements, while only 2 per side are needed for the SMC107S016 Element.

Description	Part-Number	Pcs / pack
Stiffening Copper Alloy Element	SMC107S00T	100

The following table shows the configuration of support elements and the corresponding total length of the assembled support and the length of the PCB.

Length of PCB		Length of support		Lateral Element	Base Element	Base Element	Base Element With Hook	Stiffening Copper Alloy Element
(mm)	(in)	(mm)	(in)	SMC107T000	SMC107S016	SMC107S035	SMC107P035	SMC107S00T
38.50	1.516	40.00	1.575	2			1	
55.00	2.165	56.50	2.224	2	1		1	
73.50	2.894	75.00	2.953	2			2	2 ÷ 4
90.00	3.543	91.50	3.602	2	1		2	4
108.50	4.272	110.00	4.331	2		1	2	4 ÷ 8
125.00	4.921	126.50	4.980	2	1	1	2	6 ÷ 8
143.50	5.650	145.00	5.709	2		2	2	6 ÷ 12
160.00	6.299	161.50	6.358	2	1	2	2	8 ÷ 12

EXAMPLES OF INSTALLATION

SMC 107 Modular Supports

