



# 1.27 mm SMC Board-to-Board Adapter



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## 1.27 mm SMC Board-to-Board Adapter



The SMC Board-to-Board-Adapter is an exciting addition to the extensive SMC 1.27mm (.050") pitch connector line, offering impressive flexibility in its board-to-board heights ranging from 20 mm to 40 mm in 2 mm increments.

Available in 12, 26 and 50 pins, the SMC Adapter has male contacts on both component ends, and securely locks into a female SMC connector for a robust assembled solution.

To protect the daughter card from handling mishaps, the SMC Adapter can be attached during the end-of-assembly process.

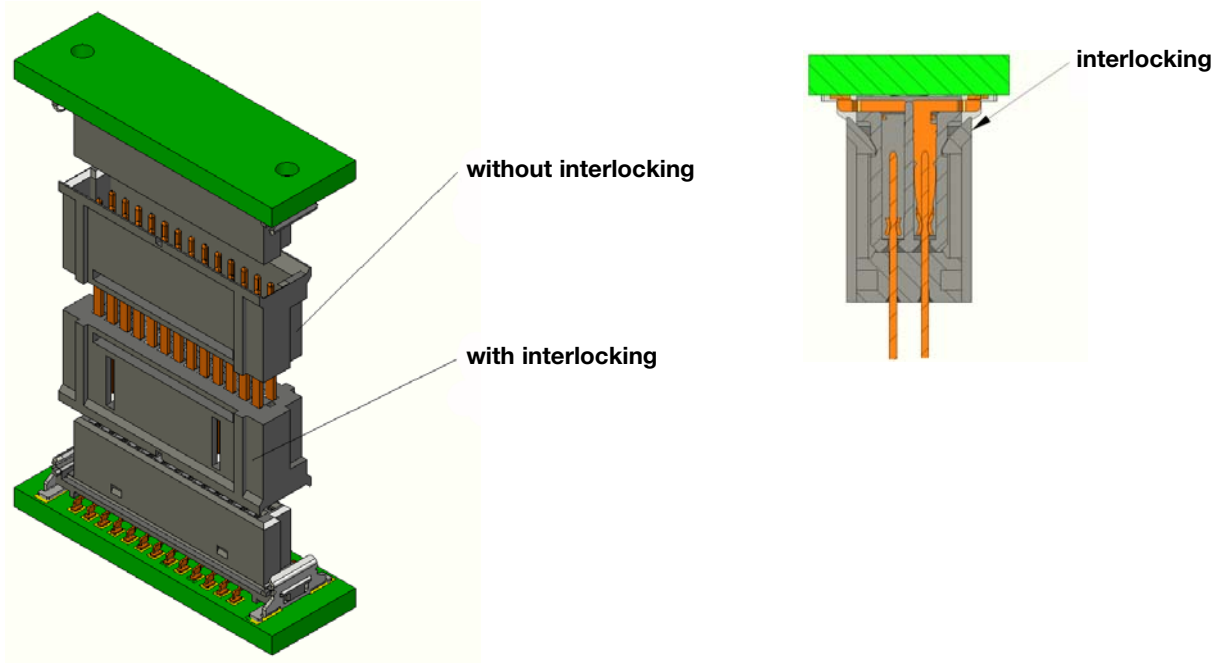
### Features

- Number of pins: 12, 26, 50
- Pitch: 1.27 mm
- Board-to-board height with female connectors (6.25 mm):  
20-38 mm (by utilization of the wipe length, continuously variable board-to-board heights of 20-40 mm)
- Male connectors on both sides
- Tray packaging
- Robust interlocking on one side

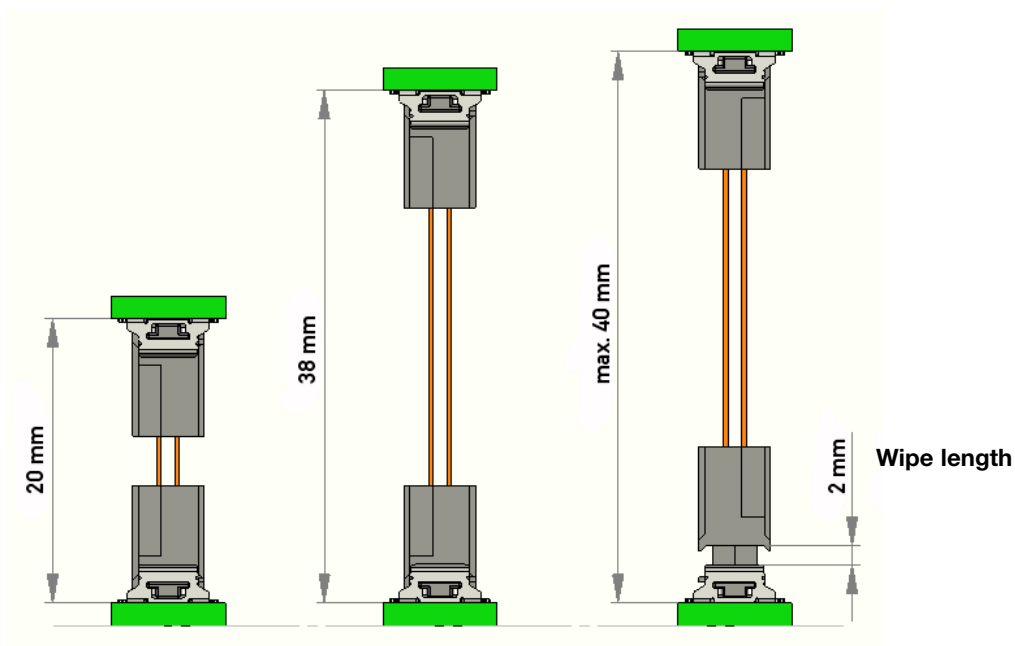
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## Mating Conditions

### Mating Principle

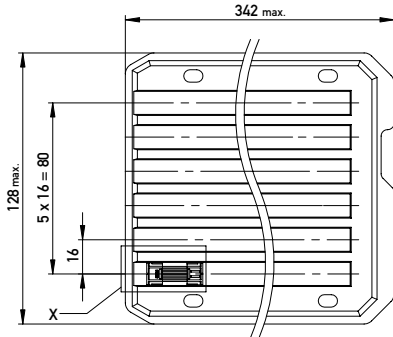


### Board-to-Board Height

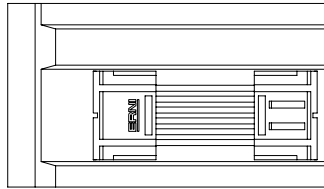


Notice:  
PCBs have to be secured by spacers.

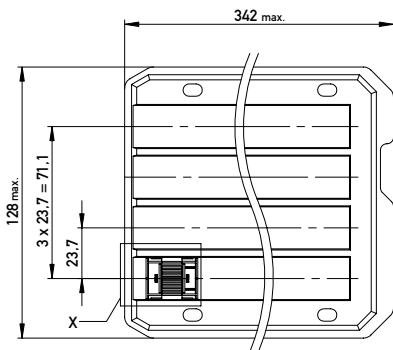
## 12 pin Versions



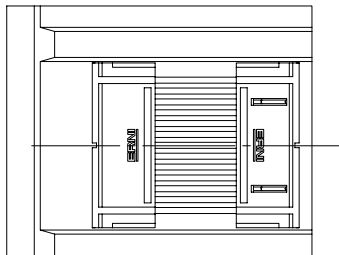
Einzelheit X (M 2:1)  
*detail X*



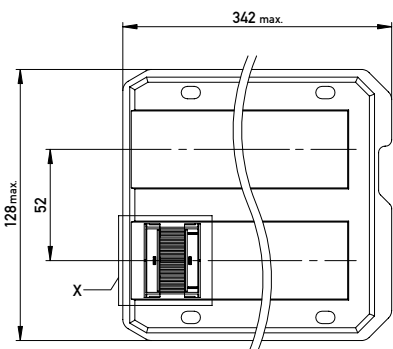
## 26 pin Versions



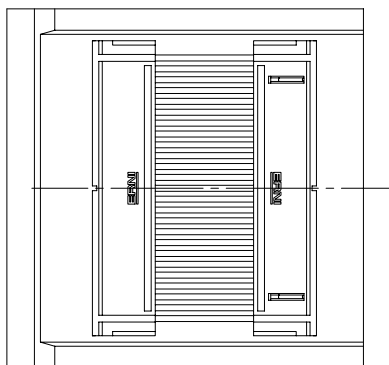
Einzelheit X (M 2:1)  
*detail X*



## 50 pin Versions



Einzelheit X (M 2:1)  
*detail X*





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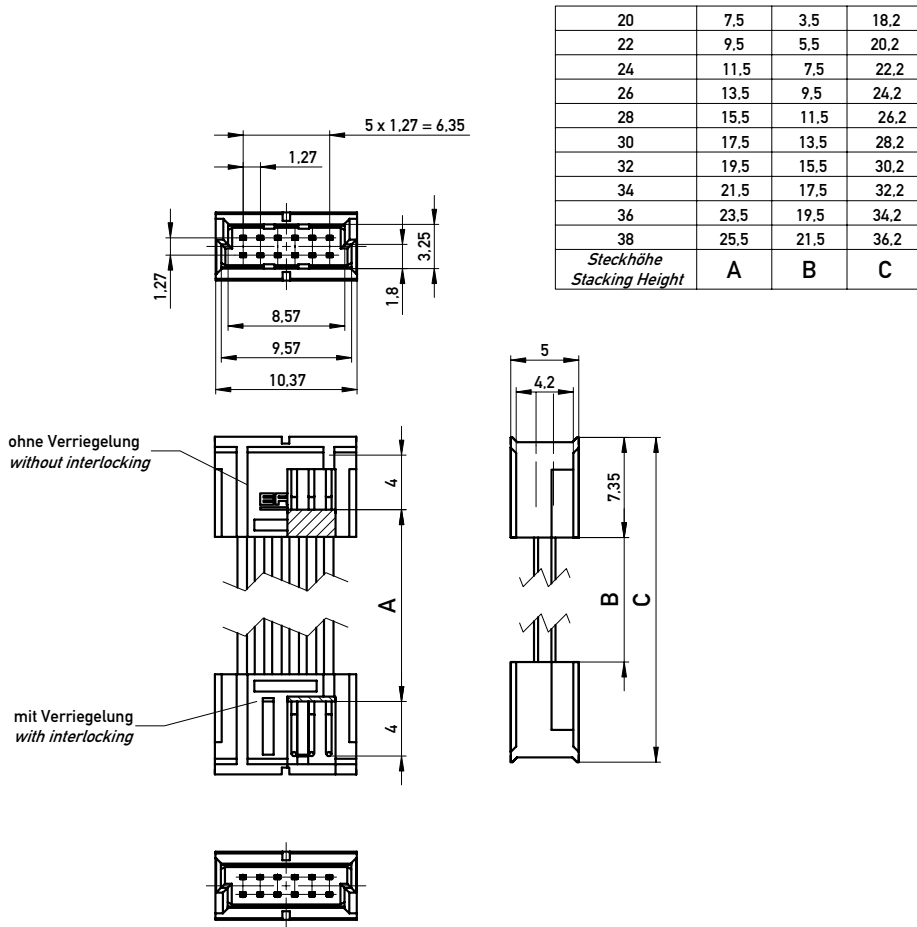
### Electrical and Mechanical Characteristics

	<b>Standard</b>	<b>Board-to-Board Adapter</b>
Number of Pins		12, 26, 50
<b>Housing materials</b>		
Plastic material (symbol)		LCP
CTI value	IEC 112	CTI 175
UL flame rating		UL 94 V-0
UL file		E 83005
<b>Contact materials</b>		
Base material		Cu alloy
Mating area		Gold plating
<b>Environment compatibility</b>		
Recycling		no flame-retardent additives, no toxic additives allows easy recycling
<b>Product-approval</b>		
UL		E 84703

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## 12 pin Versions

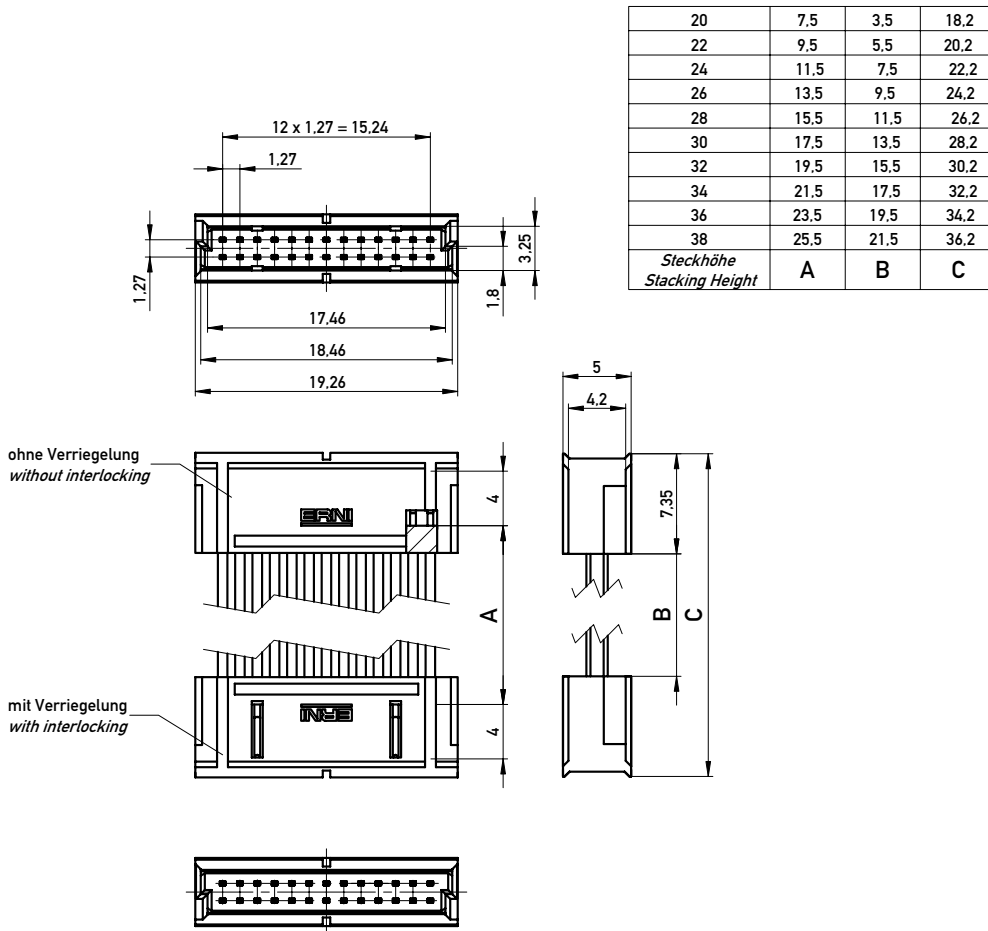
### Dimensional Drawing



### Ordering Information

Number of Pins	Board-to-Board Height, mated	Suitable Female Connector, Part Number	Packaging	Part Number
12	20 mm	154805	Tray/102 pcs	364094
12	22 mm	154805	Tray/90 pcs	364095
12	24 mm	154805	Tray/84 pcs	364096
12	26 mm	154805	Tray/78 pcs	364097
12	28 mm	154805	Tray/72 pcs	364098
12	30 mm	154805	Tray/66 pcs	364099
12	32 mm	154805	Tray/60 pcs	364100
12	34 mm	154805	Tray/54 pcs	364101
12	36 mm	154805	Tray/54 pcs	364102
12	38 mm	154805	Tray/48 pcs	364103

### Dimensional Drawing



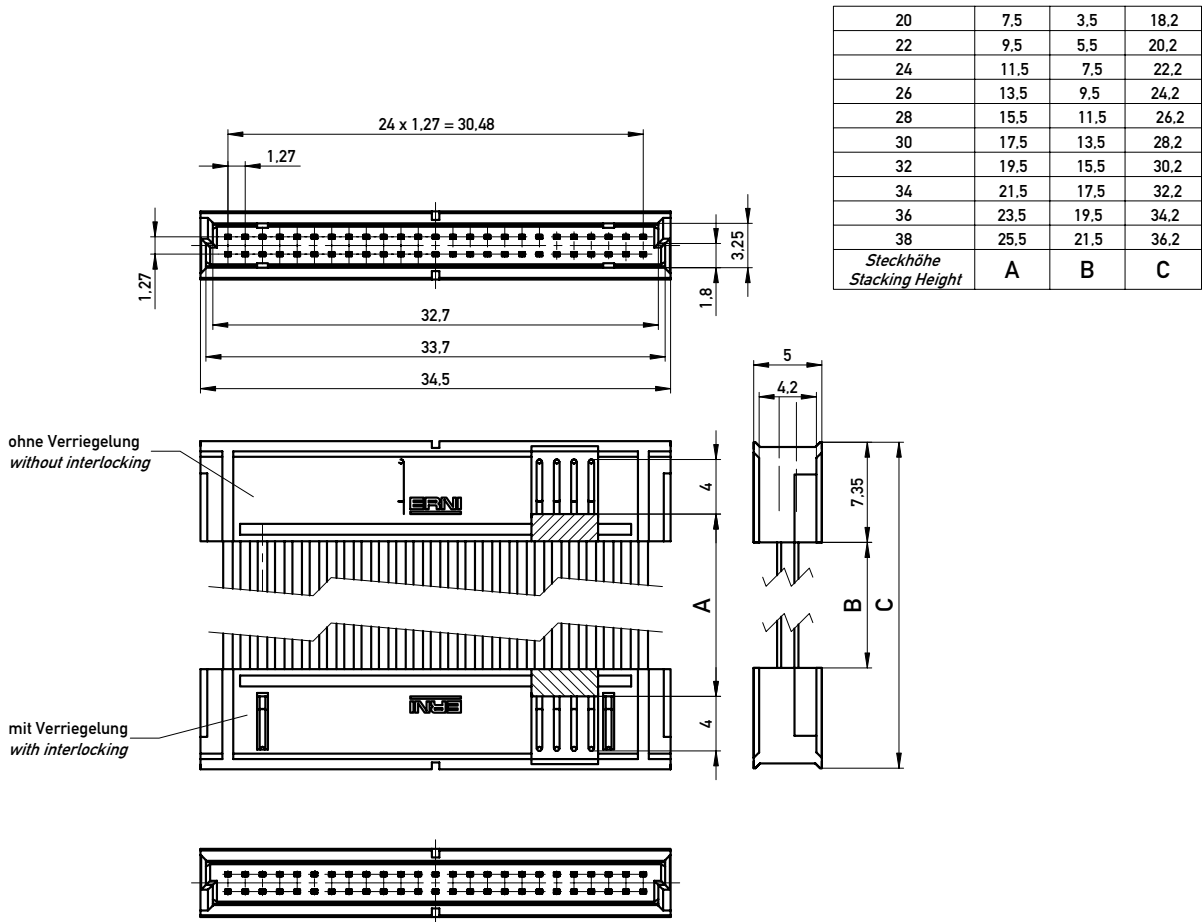
### Ordering Information

Number of Pins	Board-to-Board Height, mated	Suitable Female Connector, Part Number	Packaging	Part Number
26	20 mm	154806	Tray/68 pcs	364084
26	22 mm	154806	Tray/60 pcs	364085
26	24 mm	154806	Tray/56 pcs	364086
26	26 mm	154806	Tray/52 pcs	364087
26	28 mm	154806	Tray/48 pcs	364088
26	30 mm	154806	Tray/44 pcs	364089
26	32 mm	154806	Tray/40 pcs	364090
26	34 mm	154806	Tray/36 pcs	364091
26	36 mm	154806	Tray/36 pcs	364092
26	38 mm	154806	Tray/32 pcs	364093

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## 50 pin Versions

### Dimensional Drawing



### Ordering Information

Number of Pins	Board-to-Board Height, mated	Suitable Female Connector, Part Number	Packaging	Part Number
50	20 mm	154807	Tray/34 pcs	354307
50	22 mm	154807	Tray/30 pcs	354308
50	24 mm	154807	Tray/28 pcs	354309
50	26 mm	154807	Tray/26 pcs	354310
50	28 mm	154807	Tray/24 pcs	354311
50	30 mm	154807	Tray/22 pcs	354312
50	32 mm	154807	Tray/20 pcs	354313
50	34 mm	154807	Tray/18 pcs	354314
50	36 mm	154807	Tray/18 pcs	354315
50	38 mm	154807	Tray/16 pcs	354316



Member



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