

# ICC-MT 0,5-1,0 BA - Crimp contact



3190603

<https://www.phoenixcontact.com/us/products/3190603>

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Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 0.5-1.0 mm<sup>2</sup>, ribbon contact

## Commercial data

Item number	3190603
Packing unit	1 pc
Minimum order quantity	4,000 pc
Sales key	AA03
Product key	AACCB E
Catalog page	Page 827 (C-1-2013)
GTIN	4017918100582
Weight per piece (including packing)	0.98 g
Weight per piece (excluding packing)	3,790 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

### Mounting

Connection method	Crimp connection
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### Product properties

Product type	Crimp contact
Product family	ICC-MT
Pitch	0 mm

### Connection data

Connection method	Crimp connection
Contact connection type	Pin
Stripping length	4 mm ... 4.1 mm
Conductor cross section flexible	0.5 mm² ... 1 mm²
Conductor cross section AWG	20 ... 18
Wire diameter including insulation	1.4 mm ... 2.31 mm

### Material specifications

Contact surface	Tin Sn
Contact surface material	Tin
Metal surface contact area (top layer)	Tin Sn

### Dimensions

Dimensional drawing	
Pitch	0 mm

### Electrical properties

Nominal current I <sub>N</sub>	12 A
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### Packaging specifications

Dimensional drawing	
Type of packaging	Belt

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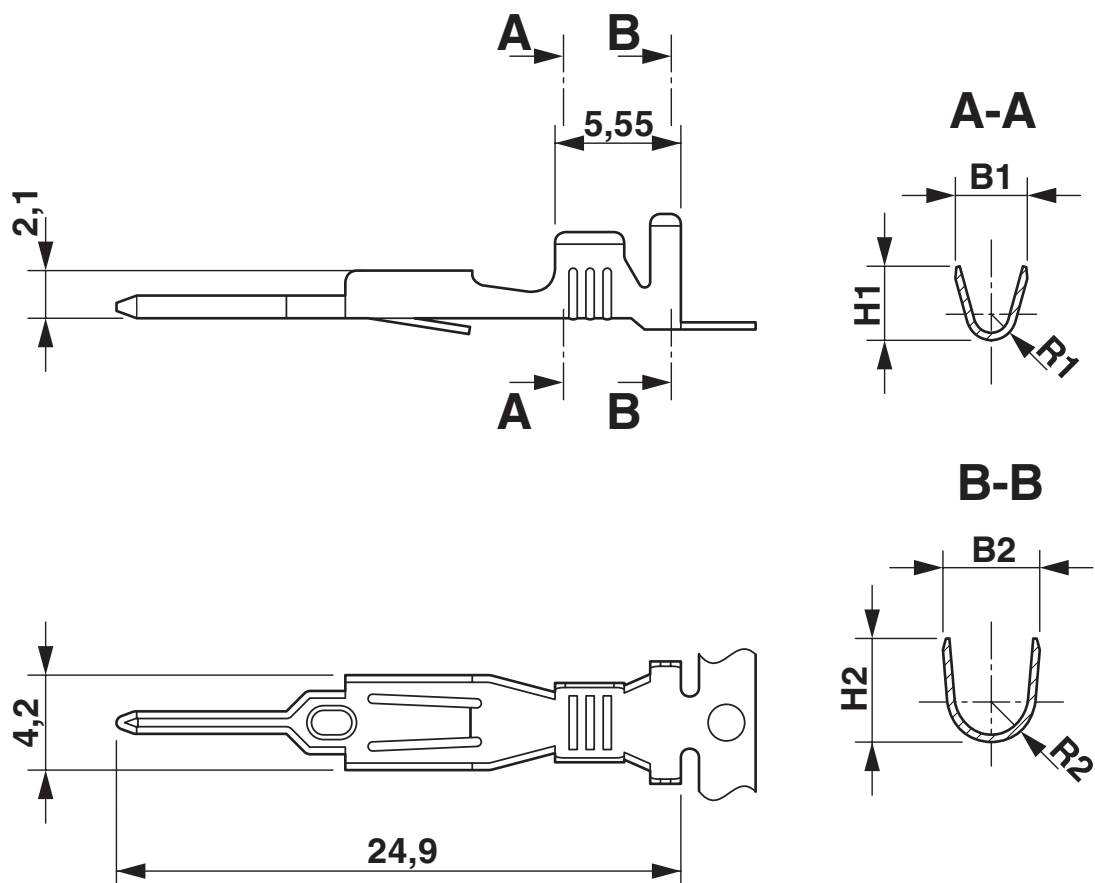
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## Drawings

Dimensional drawing



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## Approvals

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**EAC**

Approval ID: B.01687

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## Classifications

### ECLASS

ECLASS-11.0	27460403
ECLASS-13.0	27460403
ECLASS-12.0	27460403

### ETIM

ETIM 8.0	EC000796
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### UNSPSC

UNSPSC 21.0	39121500
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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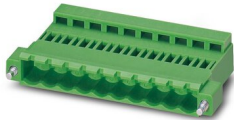


## Accessories

### ICC 2,5/ 2-STZF-5,08 - PCB connector

1823383

<https://www.phoenixcontact.com/us/products/1823383>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact connection type: Pin, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: ICC 2,5/...-STZF, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON MSTB 2,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard, Corresponding male crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte

### ICC 2,5/ 2-STZFD-5,08 - PCB connector

1823613

<https://www.phoenixcontact.com/us/products/1823613>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact connection type: Pin, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: ICC 2,5/...-STZFD, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON MSTB 2,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard, Corresponding male crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte

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## ICC 2,5/ 2-STZ-5,08 - PCB connector

1823846

<https://www.phoenixcontact.com/us/products/1823846>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact connection type: Pin, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: ICC 2,5/...-STZ, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON MSTB 2,5, locking: Snap-in locking, mounting: Engagement nose, type of packaging: packed in cardboard, Corresponding male crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)