Printed-circuit board connector - ICC 2,5/19-STZFD-5,08 - 1823781

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

The illustration shows a 15-position version

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm²] 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

Key commercial data

Packing unit	50 pc
GTIN	4 017918 048648
Weight per Piece (excluding packing)	12.5 g
Custom tariff number	85472000
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	91.44 mm

General

Range of articles	ICC 2,5/..-STZFD
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm²

Printed-circuit board connector - ICC 2,5/19-STZFD-5,08 - 1823781

Technical data

General

Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	19

Connection data

Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	14
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	14

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEE CB Scheme / CCA / cULus Recognized

Printed-circuit board connector - ICC 2,5/19-STZFD-5,08 - 1823781

Approvals

Ex Approvals

Approvals submitted

Approval details

CSA

		B	D
mm²/AWG/kcmil	20-14	20-14	20-14
Nominal current IN	10 A	10 A	10 A
Nominal voltage UN	300 V	300 V	300 V

UL Recognized

	B	D
mm²/AWG/kcmil	20-14	20-14
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.5-1.0
Nominal current IN	10 A
Nominal voltage UN	250 V

cUL Recognized

	B	D
mm²/AWG/kcmil	20-14	20-14
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

Printed-circuit board connector - ICC 2,5/19-STZFD-5,08 - 1823781

Approvals

IECEE CB Scheme

mm²/AWG/kcmil	0.5-1.0
Nominal current IN	10 A
Nominal voltage UN	250 V

CCA

mm²/AWG/kcmil	0.5-1.0
Nominal current IN	10 A
Nominal voltage UN	250 V

cULus Recognized

Accessories

Accessories

Crimp contact

Accessories - ICC-MT 0,5-1,0 - 3190577

Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 0.5-1.0 mm²

Male insert - ICC-MT 0,5-1,0 BA - 3190603

Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 0.5-1.0 mm², ribbon contact

Printed-circuit board connector - ICC 2,5/19-STZFD-5,08 - 1823781

Accessories

Accessories - ICC-MT 1,5-2,5 - 3190580

Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 1.5-2.5 mm²

Accessories - ICC-MT 1,5-2,5 BA - 3190593

Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 1.5-2.5 mm², ribbon contact

Crimping tool

Crimping pliers - CRIMPFOX MT 2,5 - 1204038

Crimping pliers, for crimping conductors to the module female contacts STG-MTN, crimp range: 0.5-2.5 mm², AWG: 20-14

Labeled terminal marker

Marker card - SK 5,08/2,8:FORTL.ZAHLEN - 0804280

Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 2.8 mm

Screwdriver tools

Screwdriver - SZS 0,4X2,5 VDE - 1205037

Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Printed-circuit board connector - ICC 2,5/19-STZFD-5,08 - 1823781

Accessories

Strain relief - STZ 2-MSTBC-5,08 - 1810529

Strain relief for snapping into the latching chambers of the plug components, 2-pos., labeling with ZB 6

Strain relief - STZ 4-MSTBC-5,08 - 1810532

Strain relief for snapping into the latching chambers of the plug components, 4-pos., labeling with ZB 6

Strain relief - STZ 8-MSTBC-5,08 - 1810516

Strain relief for snapping into the latching chambers of the plug components, 8-pos., labeling with ZB 6

Strain relief - STZ 12-MSTBC-5,08 - 1810503

Strain relief for snapping into the latching chambers of the plug components, 12-pos., labeling with ZB 6

Additional products

Printed-circuit board connector - MVSTBR 2,5/19-STF-5,08 - 1835261

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/19-STF-5,08 - 1835070

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - ICC 2,5/19-STZFD-5,08 - 1823781

Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/19-STF-5,08 - 1777963

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

---

Printed-circuit board connector - MSTBC 2,5/19-STZF-5,08 - 1809909

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

---

Printed-circuit board connector - MSTB 2,5/19-STF-5,08 - 1778153

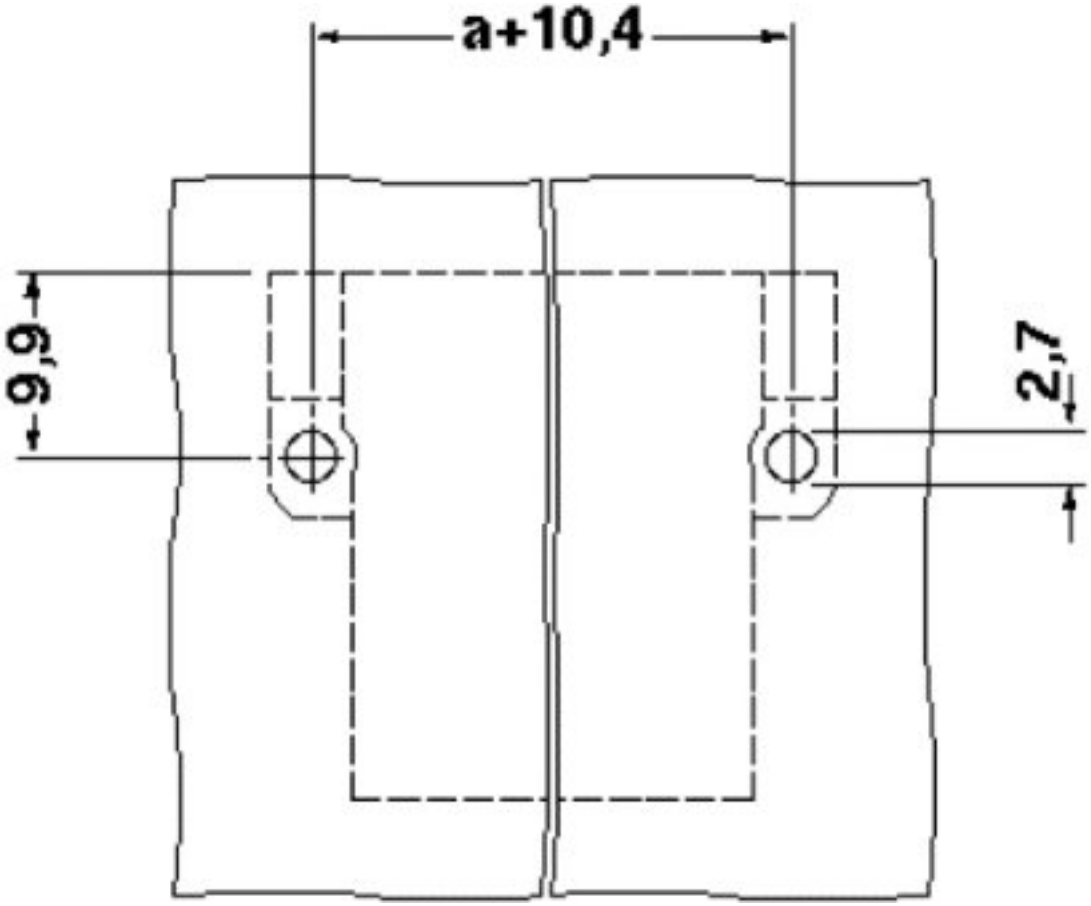
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

---

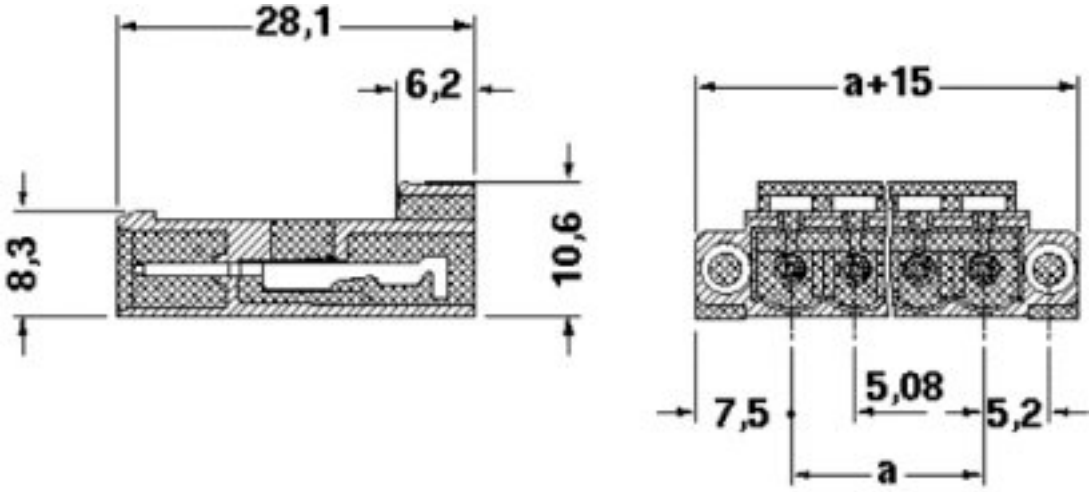
Drawings

Printed-circuit board connector - ICC 2,5/19-STZFD-5,08 - 1823781

Drilling diagram



Dimensioned drawing



Phoenix Contact 2015 © - all rights reserved
http://www.phoenixcontact.com