# **Excellent Integrated System Limited**

Stocking Distributor

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Weidmüller 1610560000

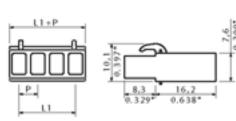
For any questions, you can email us directly: <a href="mailto:sales@integrated-circuit.com">sales@integrated-circuit.com</a>

Datasheet of 1610560000 - TERM BLOCK PLUG 9POS STR 5.08MM

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 5.00 / 5.08 mm (0.197 / 0.200 inch) |
Socket connectors, crimp connection, pitch 5.00/5.08 | BLC 5.08 | BLC 5.08R









General ordering data	
Order No.	1610560000
Part designation	BLC 5.08/9R OR
Version	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
EAN	4008190158606
Qty.	50 pc(s).

System parameters	
Conductor connection system	Crimp connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	9
Stripping length	5 mm
L1 in mm	40.64 mm
L1 in inch	1.6 inch
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data	
Insulating material	PBT GF
Colour	orange
colour chart	Similar to RAL 2000



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Contact base material Copper alloy tinned  Contact surface tinned  Connectable conductors  Clamping range, min. 0.22 mm²  Clamping range, min. 24  AWG, min. 24  AWG, max. 14  Clexible, min. H05(07) V-K 0.5 mm²  Clatible, min. H05(07) V-K 2.5 mm²  Clatible, min. No. pins (Tu=20°C) 21 A  Rated current, min. No. pins (Tu=20°C) 14.5 A  Rated current, min. No. pins (Tu=40°C) 18 A  Rated current, max. No. pins (Tu=40°C) 12.5 A  Rated current, max. No. pins (Tu=40°C) 12.5 A  Rated voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/2  Rated impulse withstand voltage for overvoltage class/pollution severity III/3
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Contact surface tinned  Connectable conductors  Clamping range, min. 0.22 mm²  2.5 mm²  AWG, min. 24  AWG, max. 14  Flexible, min. H05(07) V-K 0.5 mm²  Clarible, min. H05(07) V-K 2.5 mm²  Clarible, max. H05(07) V-K 2.5 mm²  Clarible, max. H05(07) V-K 14.5 A  Rated current, min. No. pins (Tu=20°C) 14.5 A  Rated current, min. No. pins (Tu=40°C) 12.5 A  Rated current, min. No. pins (Tu=40°C) 12.5 A  Rated current, max. No. pins (Tu=40°C) 12.5 A  Rated voltage for overvoltage class/pollution 400 V  Reverity III/2  Rated voltage for overvoltage class/pollution 250 V  Reverity III/3  Rated impulse withstand voltage for overvoltage 24 kV  Class/pollution severity III/2  Rated impulse withstand voltage for overvoltage 4 kV  Class/pollution severity III/2  Rated impulse withstand voltage for overvoltage 4 kV  Class/pollution severity III/2  Rated impulse withstand voltage for overvoltage 4 kV  Class/pollution severity III/2  Rated impulse withstand voltage for overvoltage 4 kV  Class/pollution severity III/3  Rated impulse withstand voltage for overvoltage 4 kV  Class/pollution severity III/3
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Rated impulse withstand voltage for overvoltage 4 kV class/pollution severity III/3
class/pollution severity III/3
Short-time withstand current resistance 5 x is with 120 A
CSA rating data
Rated voltage (Use group D) 300 V
Rated current (Use group D) 10 A
AWG conductor (field wiring), min. 26
AWG conductor (field wiring), max.
JL 1059 rating data
Rated voltage (Use group D) 300 V
Rated current (Use group D) 10 A
AWG conductor, min. 26
AWG conductor, max. 14

#### Approvals

Approvals institutes







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Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 5.00 / 5.08 mm (0.197 / 0.200 inch) |
Socket connectors, crimp connection, pitch 5.00/5.08 | BLC 5.08 | BLC 5.08R

Classifications	
ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01
eClass 5.1	27-26-07-04

### Similar products

1610490000	BLC 5.08/2R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1711960000	BLC 5.08/2R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1610500000	BLC 5.08/3R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1711970000	BLC 5.08/3R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1610510000	BLC 5.08/4R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1711980000	BLC 5.08/4R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1610520000	BLC 5.08/5R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1711990000	BLC 5.08/5R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1610530000	BLC 5.08/6R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1712000000	BLC 5.08/6R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1610540000	BLC 5.08/7R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1712010000	BLC 5.08/7R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1610550000	BLC 5.08/8R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box





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Socket connectors, crimp connection, pitch 5.00/5.08 | BLC 5.08 | BLC 5.08R

1712020000	BLC 5.08/8R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1712030000	BLC 5.08/9R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1610570000	BLC 5.08/10R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1712040000	BLC 5.08/10R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1610580000	BLC 5.08/11R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1712050000	BLC 5.08/11R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1610590000	BLC 5.08/12R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1712060000	BLC 5.08/12R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1610600000	BLC 5.08/13R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1712070000	BLC 5.08/13R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1610610000	BLC 5.08/14R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1712080000	BLC 5.08/14R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1610620000	BLC 5.08/15R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1712090000	BLC 5.08/15R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1610630000	BLC 5.08/16R OR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1712100000	BLC 5.08/16R SW	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box

