

Excellent Integrated System Limited

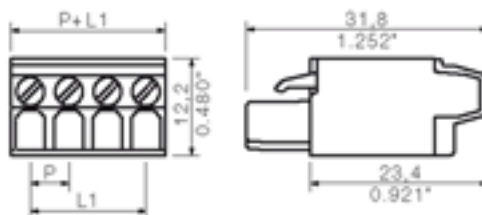
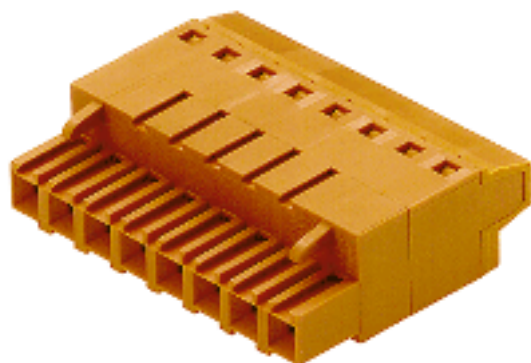
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Weidmüller](#)
[1484860000](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 5.08 mm (0.200 inch) - SLA/BLA | Socket strips, TOP connection pitch 5.08 | BLAT | BLAT


General ordering data

| | |
|------------------|--|
| Order No. | 1484860000 |
| Part designation | BLAT 8 SN OR |
| Version | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box |
| EAN | 4008190028459 |
| Qty. | 50 pc(s). |

System parameters

| | |
|---|--|
| Conductor connection system | TOP connection |
| Outgoing direction of conductor | 180° |
| Pitch | 5.08 mm |
| Pitch in inch | 0.2 inch |
| No. of poles | 8 |
| No. of rows | 1 |
| Screwdriver blade | 0.6 x 3.5 |
| Screwdriver blade standard | DIN 5264 |
| Tightening torque, min. | 0.4 Nm |
| Tightening torque, max. | 0.5 Nm |
| Clamping screw | M 2.5 |
| Stripping length | 13 mm |
| L1 in mm | 35.56 mm |
| L1 in inch | 1.4 inch |
| Electric shock protection to DIN VDE 0470 | Finger-safe unplugged/ back-of-hand-safe plugged |

Material data

| | |
|---------------------------|---------------------|
| Insulating material | PBT GF |
| Colour | orange |
| colour chart | Similar to RAL 2000 |
| Insulating material group | IIIa |
| Flammability class UL 94 | V-0 |
| CTI | >= 200 |
| Contact base material | CuSn |

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Material data

Contact surface tinned

Connectable conductors

| | |
|---|--------------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 2.5 mm ² |
| AWG, min. | 28 |
| AWG, max. | 16 |
| Solid, min. H05(07) V-U | 0.2 mm ² |
| Solid, max. H05(07) V-U | 2.5 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² |
| Flexible, max. H05(07) V-K | 2.5 mm ² |
| With wire end ferrule, acc. to DIN 46 228/1, min. | 0.2 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm ² |
| Gauge to EN 60999 a x b; ø | 2.4 mm x 1.5 mm ; 2.4 mm |

DIN IEC rating data

| | |
|--|-------------------|
| Rated current, min. No. pins (Tu=20°C) | 15 A |
| Rated current, max. No. pins (Tu=20°C) | 12.5 A |
| Rated current, min. No. pins (Tu=40°C) | 13 A |
| Rated current, max. No. pins (Tu=40°C) | 11 A |
| Rated voltage for overvoltage class/pollution severity II/2 | 400 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V |
| Rated voltage for overvoltage class/pollution severity III/3 | 250 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV |
| Short-time withstand current resistance | 3 x 1s with 100 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. | 14 |

UL 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



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

| Order No. | Part designation | Version |
|------------|------------------|---|
| 1484260000 | BLAT 2 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box |
| 1484360000 | BLAT 3 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 3, 180°, Box |
| 1484460000 | BLAT 4 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box |
| 1484560000 | BLAT 5 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 5, 180°, Box |
| 1484660000 | BLAT 6 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box |
| 1484760000 | BLAT 7 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box |
| 1484960000 | BLAT 9 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 9, 180°, Box |
| 1485060000 | BLAT 10 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 10, 180°, Box |

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| | | |
|------------|---------------|---|
| 1485160000 | BLAT 11 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 11, 180°, Box |
| 1485260000 | BLAT 12 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 12, 180°, Box |
| 1485360000 | BLAT 13 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 13, 180°, Box |
| 1485460000 | BLAT 14 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 14, 180°, Box |
| 1485560000 | BLAT 15 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 15, 180°, Box |
| 1485660000 | BLAT 16 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 16, 180°, Box |
| 1485760000 | BLAT 17 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 17, 180°, Box |
| 1485860000 | BLAT 18 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 18, 180°, Box |
| 1485960000 | BLAT 19 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 19, 180°, Box |
| 1486060000 | BLAT 20 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 20, 180°, Box |
| 1486160000 | BLAT 21 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 21, 180°, Box |
| 1486260000 | BLAT 22 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 22, 180°, Box |
| 1486360000 | BLAT 23 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 23, 180°, Box |
| 1486460000 | BLAT 24 SN OR | PCB plug-in connector, Female connectors, TOP connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.08 mm, No. of poles: 24, 180°, Box |