# Excellent Integrated System Limited
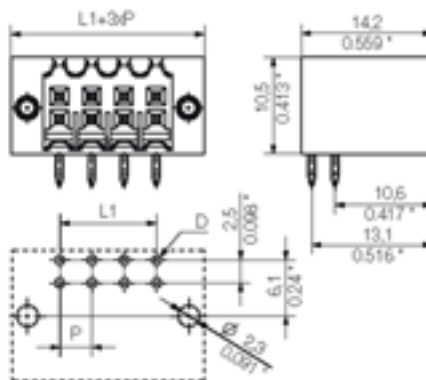
Stocking Distributor

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[Weidmüller](#)
[1728570000](#)

For any questions, you can email us directly:
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 3.50 mm (0.138 inch) 2-row | Solder-connection pin headers | S2L 3.5/90 | S2L 3.5/90F



| General ordering data | |
|---|---|
| Order No. | 1728570000 |
| Part designation | S2L 3.5/26/90F 3.5SN OR |
| Version | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box |
| EAN | 4032248040032 |
| Qty. | 20 pc(s). |

| System parameters | |
|---|---|
| Fitted to PCB | Soldered connection |
| Outgoing elbow | 90° |
| Pitch | 3.5 mm |
| Pitch in inch | 0.138 inch |
| No. of poles | 26 |
| Solder pin length | 3.5 mm |
| Can be coded | Yes |
| No. of rows | 2 |
| No. of solder pins per pole | 1 |
| Dia. of fitting hole | 1.3 mm |
| Fitting hole tolerance | + 0.1 mm |
| L1 in mm | 42 mm |
| L1 in inch | 1.654 inch |
| Electric shock protection to DIN VDE 0470 | IP 10 |
| Electric shock protection to DIN VDE 0470 | Safe from back-of-hand touch |

| Material data | |
|---|---|
| Insulating material | PBT |
| Colour | orange |
| colour chart | Similar to RAL 2000 |
| Insulating material group | IIIa |
| Flammability class UL 94 | V-0 |
| CTI | >= 200 |
| Contact base material | Copper alloy |
| Contact surface | tinned |

**Weidmüller** 3E

**Distributor of Weidmüller: Excellent Integrated System Limited**
Datasheet of 1728570000 - TERM BLOCK HDR 26POS R/A 3.5MM
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| Material data | |
|---|---|
| Constant operating temp., min. | -25 °C |
| Constant operating temp., max. | 100 |
| Storage temperature, min. | -25 °C |
| Storage temperature, max. | 55 °C |
| Max. relative humidity during storage | 93 % |

| DIN IEC rating data | |
|---|---|
| Rated current, min. No. pins (Tu=20°C) | 10 A |
| Rated current, max. No. pins (Tu=20°C) | 10 A |
| Rated current, min. No. pins(Tu=40°C) | 9 A |
| Rated current, max. No. pins (Tu=40°C) | 8.5 A |
| Rated voltage for overvoltage class/pollution severity III/3 | 80 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 2.5 kV |
| Rated voltage for overvoltage class/pollution severity III/2 | 125 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 2.5 kV |
| Rated voltage for overvoltage class/pollution severity II/2 | 250 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 2.5 kV |
| Short-time withstand current resistance | 3 x 1s with 77 A |

| CSA rating data | |
|---|---|
| Rated voltage (Use group D) | 50 V |
| Rated current (Use group D) | 5 A |

| UL 1059 rating data | |
|---|---|
| Rated voltage (Use group D) | 150 V |
| Rated current (Use group D) | 7 A |

| Approvals | |
|---|---|
| Approvals institutes | |



| Downloads | |
|---|---|
| CAD Library (P-CAD Format - Standard) | S2L-SMT.LIB |

| 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 | 27-26-07-01 |

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### Similar products

| Order No. | Part designation | Version |
|---|---|---|
| 1728470000 | S2L 3.5/6/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box |
| 1728630000 | S2L 3.5/6/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box |
| 1756000000 | S2L 3.5/6/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box |
| 1756160000 | S2L 3.5/6/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box |
| 1728480000 | S2L 3.5/8/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box |
| 1728640000 | S2L 3.5/8/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box |
| 1756010000 | S2L 3.5/8/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box |
| 1728490000 | S2L 3.5/10/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 90°, Box |
| 1728650000 | S2L 3.5/10/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 90°, Box |
| 1756020000 | S2L 3.5/10/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 90°, Box |
| 1756180000 | S2L 3.5/10/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 90°, Box |
| 1728500000 | S2L 3.5/12/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 90°, Box |
| 1728660000 | S2L 3.5/12/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 90°, Box |
| 1756190000 | S2L 3.5/12/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 90°, Box |
| 1728510000 | S2L 3.5/14/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 90°, Box |
| 1728670000 | S2L 3.5/14/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 90°, Box |
| 1728520000 | S2L 3.5/16/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box |
| 1728680000 | S2L 3.5/16/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box |
| 1756050000 | S2L 3.5/16/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box |
| 1756210000 | S2L 3.5/16/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box |
| 1728530000 | S2L 3.5/18/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box |
| 1728690000 | S2L 3.5/18/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box |
| 1756060000 | S2L 3.5/18/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box |
| 1728540000 | S2L 3.5/20/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box |

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| | | |
|---|---|---|
| 1728700000 | S2L 3.5/20/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box |
| 1756070000 | S2L 3.5/20/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box |
| 1756230000 | S2L 3.5/20/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box |
| 1728550000 | S2L 3.5/22/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 90°, Box |
| 1756240000 | S2L 3.5/22/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 90°, Box |
| 1728560000 | S2L 3.5/24/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box |
| 1728720000 | S2L 3.5/24/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box |
| 1756090000 | S2L 3.5/24/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box |
| 1756250000 | S2L 3.5/24/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box |
| 1756100000 | S2L 3.5/26/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box |
| 1756260000 | S2L 3.5/26/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box |
| 1728580000 | S2L 3.5/28/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 28, 90°, Box |
| 1728740000 | S2L 3.5/28/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 28, 90°, Box |
| 1728590000 | S2L 3.5/30/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 30, 90°, Box |
| 1728600000 | S2L 3.5/32/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box |
| 1728760000 | S2L 3.5/32/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box |
| 1756130000 | S2L 3.5/32/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box |
| 1728610000 | S2L 3.5/34/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 34, 90°, Box |
| 1756300000 | S2L 3.5/34/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 34, 90°, Box |
| 1728620000 | S2L 3.5/36/90F 3.5SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box |
| 1728780000 | S2L 3.5/36/90F 3.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box |
| 1756150000 | S2L 3.5/36/90F 3.5AU OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box |
| 1756310000 | S2L 3.5/36/90F 3.5AU SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box |

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