

# **Excellent Integrated System Limited**

Stocking Distributor

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

Weidmüller 1794500000

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



### Distributor of Weidmüller: Excellent Integrated System Limited

Datasheet of 1794500000 - TERM BLOCK HDR 32POS R/A 3.5MM

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

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 3.50 mm (0.138 inch) 2-row | Plug connectors, THR solder connection | S2L-SMT 3.5/90 | S2L-SMT 3.5/90 BOX





General	ordering	aata		

Order No. 1794500000

Part designation S2L-SMT3.5/32/90 SN

Version PCB plug-in connector, Male connectors, Reflow

solder connection, Pitch: 3.50 mm, No. of poles:

32, 90°, Box

EAN 4032248231683

Qty. 20 pc(s).

System parameters

Fitted to PCB Reflow solder connection

Outgoing elbow 90°
Pitch 3.5 mm
Pitch in inch 0.138 inch

No. of poles 32
Solder pin length 3.2 mm
Can be coded Yes
No. of rows 2

No. of solder pins per pole 1
Dia. of fitting hole 1.3 m

Dia. of fitting hole

Fitting hole tolerance

L1 in mm

L1 in inch

Electric shock protection to DIN VDE 0470

1.3 mm

+ 0.1 mm

52.5 mm

2.067 inch

IP 10

Electric shock protection to DIN VDE 0470 Safe from back-of-hand touch

Material data

Insulating material LCP GF Colour black

colour chart Similar to RAL 9011

Insulating material group

Flammability class UL 94

CTI

Contest been material

Contest been material

Contact base material Copper alloy
Contact surface tinned





## Distributor of Weidmüller: Excellent Integrated System Limited

Datasheet of 1794500000 - TERM BLOCK HDR 32POS R/A 3.5MM

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

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 3.50 mm (0.138 inch) 2-row | Plug connectors, THR solder connection | S2L-SMT 3.5/90 | S2L-SMT 3.5/90 BOX

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	50 V
severity III/3	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity III/3	
Rated voltage for overvoltage class/pollution	125 V
severity III/2	
Rated impulse withstand voltage for overvoltage	1.5 kV
class/pollution severity III/2	
Rated voltage for overvoltage class/pollution	160 V
severity II/2	
Rated impulse withstand voltage for overvoltage	1.5 kV
class/pollution severity II/2	
Short-time withstand current resistance	3 x 1s with 77 A
004	
CSA rating data	50.1/
Rated voltage (Use group D)	50 V
Rated current (Use group D)	5 A
III 1050 rating data	
UL 1059 rating data	150 V
Rated voltage (Use group D)	10 A
Rated current (Use group D)	IUA

#### **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





## Distributor of Weidmüller: Excellent Integrated System Limited

Datasheet of 1794500000 - TERM BLOCK HDR 32POS R/A 3.5MM

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

Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 3.50 mm (0.138 inch) 2-row | Plug connectors, THR solder connection | S2L-SMT 3.5/90 | S2L-SMT 3.5/90 BOX

## Similar products

1794370000	S2L-SMT3.5/6/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
		Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1794380000	S2L-SMT3.5/8/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
		Pitch: 3.50 mm, No. of poles: 8, 90°, Box
1794390000	S2L-SMT3.5/10/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
		Pitch: 3.50 mm, No. of poles: 10, 90°, Box
1794400000	S2L-SMT3.5/12/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
		Pitch: 3.50 mm, No. of poles: 12, 90°, Box
1794410000	S2L-SMT3.5/14/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
		Pitch: 3.50 mm, No. of poles: 14, 90°, Box
1794420000	S2L-SMT3.5/16/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
		Pitch: 3.50 mm, No. of poles: 16, 90°, Box
1794430000	S2L-SMT3.5/18/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
470444000	001 01470 5/00/00 014	Pitch: 3.50 mm, No. of poles: 18, 90°, Box
1794440000	S2L-SMT3.5/20/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
4704450000	00L 0MT0 5/00/00 0M	Pitch: 3.50 mm, No. of poles: 20, 90°, Box
1794450000	S2L-SMT3.5/22/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
4704400000	COL CMT2 5/24/00 CM	Pitch: 3.50 mm, No. of poles: 22, 90°, Box
1794460000	S2L-SMT3.5/24/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
1704470000	S2L-SMT3.5/26/90 SN	Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1794470000	32L-3W13.5/20/90 SIN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box
1794480000	S2L-SMT3.5/28/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
1794460000	32L-3W13.3/20/90 3N	Pitch: 3.50 mm, No. of poles: 28, 90°, Box
1794490000	S2L-SMT3.5/30/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
1794490000	32L-3W13.3/30/90 3N	Pitch: 3.50 mm, No. of poles: 30, 90°, Box
1794510000	S2L-SMT3.5/34/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
1734310000	32L 310110.0/04/00 011	Pitch: 3.50 mm, No. of poles: 34, 90°, Box
1794520000	S2L-SMT3.5/36/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection,
1704020000	322 3.0110.0/00/00 GIV	Pitch: 3.50 mm, No. of poles: 36, 90°, Box
		1 Non. 6.66 mm, No. 61 poles. 66, 66 , Box

