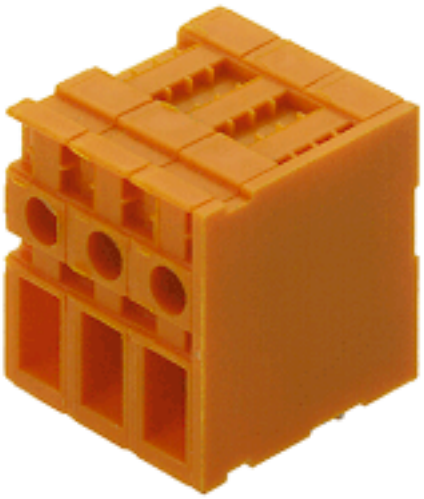
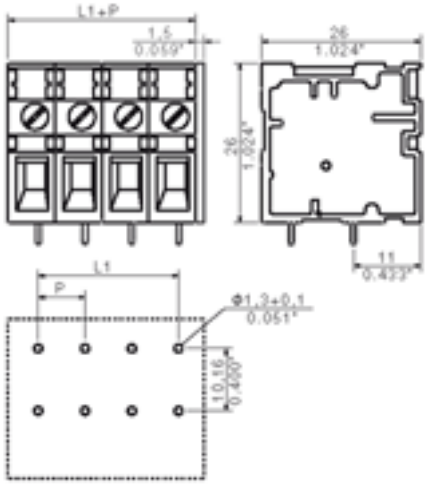






General ordering data	
Order No.	1786450000
Part designation	TOP4GS12/90 7.62 OR
Version	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 12, 90°, Box
EAN	4032248201082
Qty.	50 pc(s).

System parameters	
Product family	System TOP4GS
Conductor connection system	TOP connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	90°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	12
Fitted by customer	no
No. of rows	1
Solder pin length	3.5 mm
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
No. of solder pins per pole	2
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.6 Nm
Clamping screw	M 3
Stripping length	13 mm
L1 in mm	83.82 mm
L1 in inch	3.3 inch

Material data	
Insulating material	PA
Colour	orange

Material data	
colour chart	Similar to RAL 2000
Insulating material group	I
Flammability class UL 94	V-2
CTI	>= 600
Contact base material	E-Cu
Contact surface	tinned
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C

Connectable conductors	
Clamping range, min.	0.13 mm²
Clamping range, max.	6 mm²
AWG, min.	26
AWG, max.	10
Solid, min. H05(07) V-U	0.5 mm²
Solid, max. H05(07) V-U	6 mm²
Flexible, min. H05(07) V-K	0.5 mm²
Flexible, max. H05(07) V-K	4 mm²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.5 mm²
With wire end ferrule, acc. to DIN 46 228/1, max.	4 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	4 mm²
Gauge to EN 60999 a x b; ø	2.8 mm x 2.4 mm;

DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	32 A
Rated current, min. No. pins(Tu=40°C)	32 A
Rated voltage for overvoltage class/pollution severity II/2	1,000 V
Rated voltage for overvoltage class/pollution severity III/2	630 V
Rated voltage for overvoltage class/pollution severity III/3	500 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

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.	10

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.	10

UL 1059 rating data

Approvals

Approvals institutes

Downloads

CAD Library (P-CAD Format - Standard)	TOP 4GS.LIB

Classifications

ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

Similar products

Order No.	Part designation	Version
0289660000	TOP4GS2/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 2, 90°, Box
0289760000	TOP4GS3/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 3, 90°, Box
0290160000	TOP4GS4/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 4, 90°, Box
1698740000	TOP4GS5/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 5, 90°, Box
1786410000	TOP4GS6/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 6, 90°, Box
1647300000	TOP4GS7/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 7, 90°, Box
1786420000	TOP4GS8/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 8, 90°, Box
1786430000	TOP4GS9/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 9, 90°, Box
1786440000	TOP4GS10/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 10, 90°, Box

	1759860000	TOP4GS11/90 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 11, 90°, Box

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