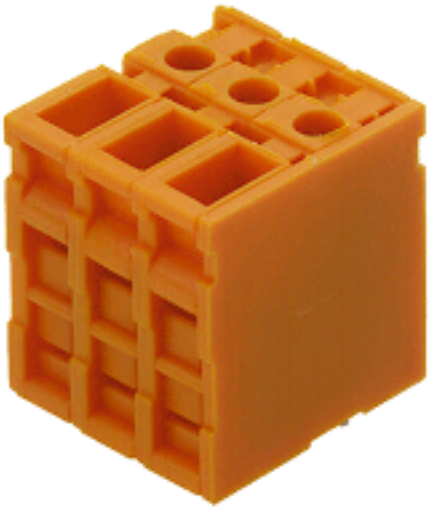
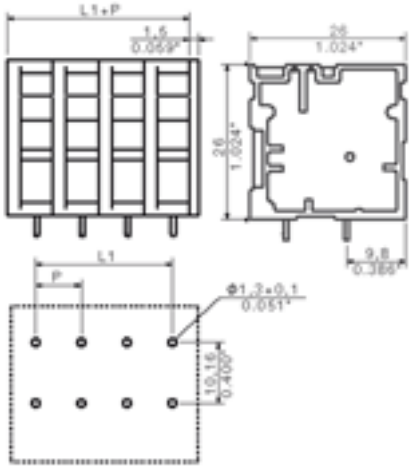






General ordering data	
Order No.	0298360000
Part designation	TOP4GS2/180 7.62 OR
Version	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 2, 180°, Box
EAN	4008190171575
Qty.	50 pc(s).

System parameters	
Product family	System TOP4GS
Conductor connection system	TOP connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	180°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	2
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	7.62 mm
L1 in inch	0.3 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
0298460000	TOP4GS3/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 3, 180°, Box
0298560000	TOP4GS4/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 4, 180°, Box
1786540000	TOP4GS5/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 5, 180°, Box
1494560000	TOP4GS6/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 6, 180°, Box
1786550000	TOP4GS7/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 7, 180°, Box
1786560000	TOP4GS8/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 8, 180°, Box
1571700000	TOP4GS9/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 9, 180°, Box
1786570000	TOP4GS10/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 10, 180°, Box
1786580000	TOP4GS11/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 11, 180°, Box

	1749170000	TOP4GS12/180 7.62 OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 12, 180°, Box