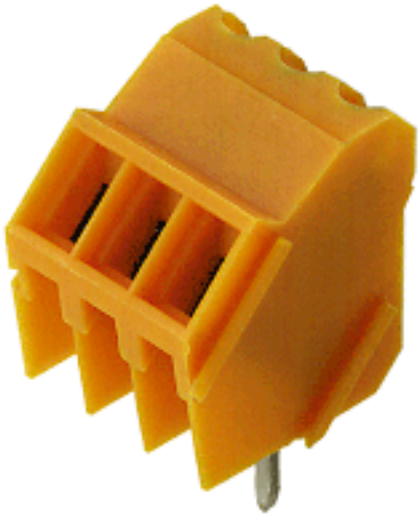
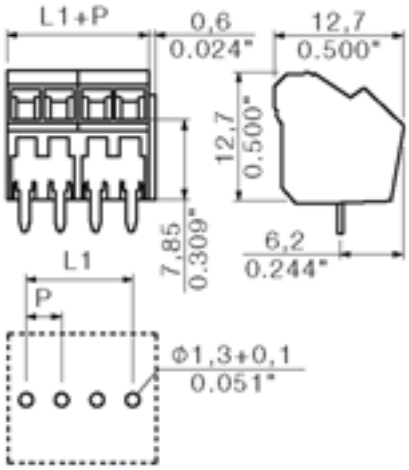




General ordering data	
Order No.	1845250000
Part designation	LM3.5/7/135 3.2 OR
Version	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 7, 135°, Box
EAN	4032248357963
Qty.	50 pc(s).

System parameters	
Product family	System LM
Conductor connection system	Clamping yoke connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	135°
Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	7
Fitted by customer	yes
Max. adjacent poles per row	24
No. of rows	1
Solder pin length	3.2 mm
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
No. of solder pins per pole	1

System parameters	
Screwdriver blade	0.4 x 2.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.2
Tightening torque, max.	0.25 Nm
Clamping screw	M 2
Stripping length	5 mm
L1 in mm	21 mm
L1 in inch	0.827 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data	
Insulating material	PA
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	I
Flammability class UL 94	V-2
CTI	>= 600
Temperature of glow-wire test	750 °C
Duration of glow-wire test	30 S
Contact base material	Copper alloy
Contact surface	tinned
Storage temperature, min.	-20 °C
Storage temperature, max.	55 °C

Connectable conductors	
Clamping range, min.	0.08 mm²
Clamping range, max.	2.08 mm²
AWG, min.	28
AWG, max.	14
O.D. of conductor insulation, max.	2.9 mm
Solid, min. H05(07) V-U	0.5 mm²
Solid, max. H05(07) V-U	1.5 mm²
Flexible, min. H05(07) V-K	0.5 mm²
Flexible, max. H05(07) V-K	1.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	0.75 mm²
Gauge to EN 60999 a x b; ø	2.4 mm x 1.5 mm;

DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	16 A
Rated current, max. No. pins (Tu=20°C)	12 A
Rated current, min. No. pins(Tu=40°C)	14 A
Rated current, max. No. pins (Tu=40°C)	10 A
Rated voltage for overvoltage class/pollution severity II/2	320 V
Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated voltage for overvoltage class/pollution severity III/3	160 V

DIN IEC rating data	
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Short-time withstand current resistance	3 x 1s with 72 A

CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor (field wiring), min.	28
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.	28
AWG conductor, max.	14

Approvals

Approvals institutes

Downloads

CAD Library (P-CAD Format - Standard)	LM.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

1714980000	LM3.5/2/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 2, 135°, Box
1715020000	LM3.5/3/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 3, 135°, Box
1845220000	LM3.5/4/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 4, 135°, Box
1845230000	LM3.5/5/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 5, 135°, Box
1845240000	LM3.5/6/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 6, 135°, Box
1845260000	LM3.5/8/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 8, 135°, Box
1845270000	LM3.5/9/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 9, 135°, Box
1845280000	LM3.5/10/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 10, 135°, Box
1845290000	LM3.5/11/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 11, 135°, Box
1845300000	LM3.5/12/135 3.2 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm², Pitch: 3.50 mm, No. of poles: 12, 135°, Box