







Order No.	9994780000
Part designation	LM5.08/6/180 3.5 SW
Version	PCB terminal, Clamping yoke connection,
	Soldered connection, Clamping range, max.: 2.5
	mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
EAN	4032248377930
Qty.	50 pc(s).

Product family	System LM
Conductor connection system	Clamping yoke connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	6
Fitted by customer	yes
Max. adjacent poles per row	24
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	1



System nerometers	
System parameters Screwdriver blade	0.6 x 3.5
Screwdriver blade Screwdriver blade standard	DIN 5264
	0.4 Nm
Tightening torque, min.	0.5 Nm
Tightening torque, max.	M 2.5
Clamping screw	
Stripping length L1 in mm	6 mm 25.4 mm
L1 in inch	1 inch
	IP 10
Electric shock protection to DIN VDE 0470	
Electric shock protection to DIN VDE 0470	Safe from finger touch
Material data	
Insulating material	Wemid (PA)
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	I
Flammability class UL 94	V-0
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.	-25 °C
Storage temperature, max.	55 °C
otorage temperature, max.	33 0
Connectable conductors	
Clamping range, min.	0.2 mm ²
Clamping range, max.	2.5 mm²
AWG, min.	24
AWG, max.	14
O.D. of conductor insulation, max.	2.9 mm
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²
Gauge to EN 60999 a x b; ø	2.4 mm x 1.5 mm; 1.9mm
244go to 211 00000 a x b, p	
DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	17.5 A
Rated current, max. No. pins (Tu=20°C)	16 A
Rated current, min. No. pins(Tu=40°C)	17.5 A
Rated current, max. No. pins (Tu=40°C)	14.2 A
Rated voltage for overvoltage class/pollution	630 V
severity II/2	
Rated voltage for overvoltage class/pollution	320 V
severity III/2	



DIN IEC rating data	
Rated voltage for overvoltage class/pollution severity III/3	250 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
Short-time withstand current resistance	3 x 1s with 120 A
Rated voltage, user group D	300 V
Rated current, user group D	10 A
AWG conductor (field wiring), min.	24
AWG conductor (field wiring), max.	14
UL 1059 rating data	
Rated voltage, user group D	300 V
Rated current, user group D	10 A
AWG conductor, min.	24
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
1716100000	LM5.08/2/180 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1716040000	LM5.08/2/180 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1915800000	LM 5.08/2/180 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1716160000	LM5.08/2/180 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1716110000	LM5.08/3/180 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1716050000	LM5.08/3/180 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1915810000	LM 5.08/3/180 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1716170000	LM5.08/3/180 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Box
9994970000	LM5.08/4/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
9994760000	LM5.08/4/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Box
9994980000	LM5.08/5/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
9994770000	LM5.08/5/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Box
9994990000	LM5.08/6/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Box
9995000000	LM5.08/7/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
9994790000	LM5.08/7/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Box
9995010000	LM5.08/8/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box
9994800000	LM5.08/8/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Box



9995020000	LM5.08/9/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
9994810000	LM5.08/9/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 9, 180°, Box
9995030000	LM5.08/10/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
9994820000	LM5.08/10/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 10, 180°, Box
9995040000	LM5.08/11/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
9994830000	LM5.08/11/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 11, 180°, Box
9995050000	LM5.08/12/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
9994840000	LM5.08/12/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 12, 180°, Box
9995060000	LM5.08/13/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
9994850000	LM5.08/13/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 13, 180°, Box
9995070000	LM5.08/14/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
9994860000	LM5.08/14/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 14, 180°, Box
9995080000	LM5.08/15/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
9994870000	LM5.08/15/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 15, 180°, Box
9995090000	LM5.08/16/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box
9994880000	LM5.08/16/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 16, 180°, Box
9995100000	LM5.08/17/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 17, 180°, Box



9994890000	LM5.08/17/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 17, 180°, Box
9995110000	LM5.08/18/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 18, 180°, Box
9994900000	LM5.08/18/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 18, 180°, Box
9995120000	LM5.08/19/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 19, 180°, Box
9994910000	LM5.08/19/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 19, 180°, Box
9995130000	LM5.08/20/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 20, 180°, Box
9994920000	LM5.08/20/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 20, 180°, Box
9995140000	LM5.08/21/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 21, 180°, Box
9994930000	LM5.08/21/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 21, 180°, Box
9995150000	LM5.08/22/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 22, 180°, Box
9994940000	LM5.08/22/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 22, 180°, Box
9995210000	LM5.08/23/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 23, 180°, Box
9994950000	LM5.08/23/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 23, 180°, Box
9995220000	LM5.08/24/180 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 24, 180°, Box
9994960000	LM5.08/24/180 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 24, 180°, Box

