



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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THR PCB Terminals with clamping yoke connection

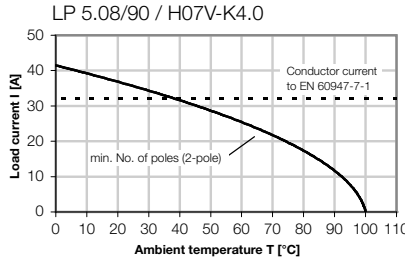
LP-THR 5.08



Through Hole Reflow (THR), high-temperature-resistant PCB terminal with proven clamping yoke connection at 5.08 mm pitch, conductor outlet direction 90°, suitable for conductor cross-sections up to 6.0 mm².

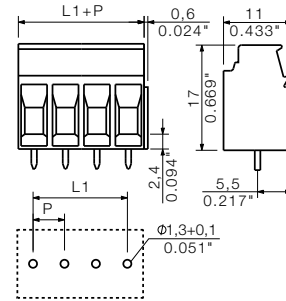
- 0.5 - 6.0 mm² (IEC) / 26 - 12 AWG (UL)
- 500 V (IEC) / 300 V (UL)
- 32 A (IEC) / 20 A (UL)

Derating curve



LP-THR 5.08/90

Reflow-compatible PCB terminal



Technical data

Rated data to IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.13...6	
Solid H05(07) V-U	mm²	0.5...6	
Stranded H07 V-R	mm²		
Flexible H05(07) V-K	mm²	0.5...4	
Flexible with ferrule	mm²	0.5...2.5	
Ferrule with plastic collar	mm²	0.5...2.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.6 x 3.5	
according to norm		DIN 5264	
Tightening torque range	Nm	0.5...0.6	
Rated current at ambient temperature			
	A	20°C	40°C
		32	32
Overvoltage category			
		III	III II
Pollution severity			
		3	2 2
Rated voltage	V	250	250 500
Rated impulse voltage	kV	4	4 4
UL 1059 rated data			
		B	C D
Nominal voltage	V	300	300
Rated current	A	20	10
AWG conductor		26-12	
CSA C22.2 rated data			
		B	C D
Rated voltage	V	300	300
Rated current	A	20	10
AWG conductor		26-12	
Material data			
Type of insulating material		PA	
Flammability class acc. UL94		V-2	
Contact base material		Cu alloy	
Material of contact surface		tinned	

- Information**
- Rated current related to rated cross-section and min. No. of poles.
 - Wire end ferrule without plastic collar to DIN 46228 pt 1
 - Wire end ferrule with plastic collar to DIN 46228 pt 4
 - P on drg. = pitch
 - Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Ordering data

Solder pin length	3.2 mm
Colour of plastic	black

Pitch 5.08 mm				
Poles	L1 mm	(inch)	Qty.	Order No.
2	5.08	(0.200)	100	1789150000
3	10.16	(0.400)	100	1789160000