

Data Sheet

THR Pluggable Terminal Block (Wafer)

Pitch: 5,00 mm

Serie: A14L141

Customer Information for special Item

EDCON Customer : xxxxxx

Customer Version No. : xx

EDCON-COMPONENTS



Technical Description



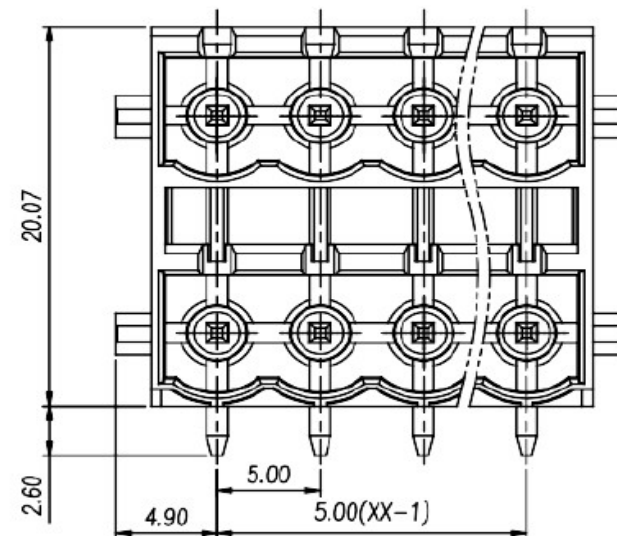
Use Group	B	C	D
Rated Voltage (V)	300	-	300
Rated Current (A)	15	-	10
Wire Range			
Solid Wire (AWG)			
Stranded Wire (AWG)			
Withstanding Voltage	1600V 1Min		
			
Overvoltage Category	III	III	II
Contamination Class	3	2	2
Rated Voltage (V)	250	320	400
Rated Current (A)	12	12	12
Impuls Withstanding Voltage (KV)	4	4	4
Conductor Cross Section			
Solid Wire (mm²)			
Flexible Wire (mm²)			

Other Description

Insulation Material	LCP
Imflamability	UL94V-0
Contact Material	Copper alloy
Contctive Coating	Sn Plated

Pitch (mm)	5
Poles (Pos)	2*2 ~2*24
Stripping Length (mm)	-
Screw Size	-
Screw Material	-
Screw Torque max, (N.m)	-
Operating Temperatur (°C)	-40 to + 130

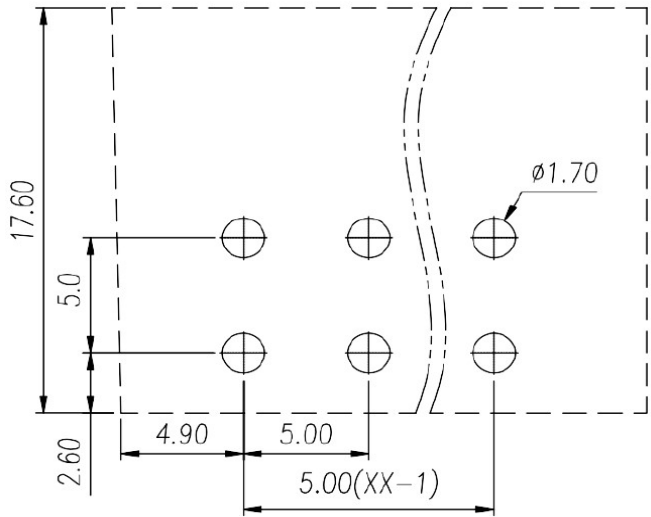
Pin Dimensions (mm)	1,0x1,0
PCB Hole Diameter (mm)	Ø= 1,7
Soldering Temperature:	285°C /10Sec.



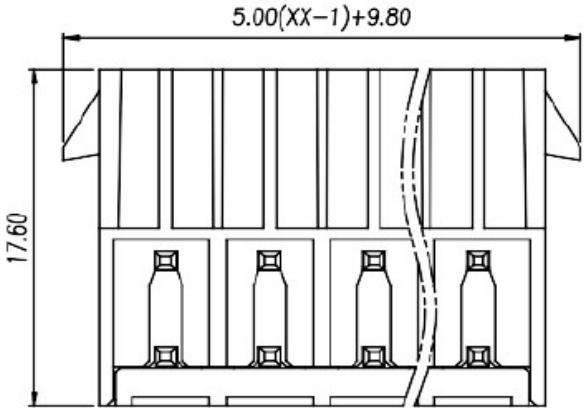
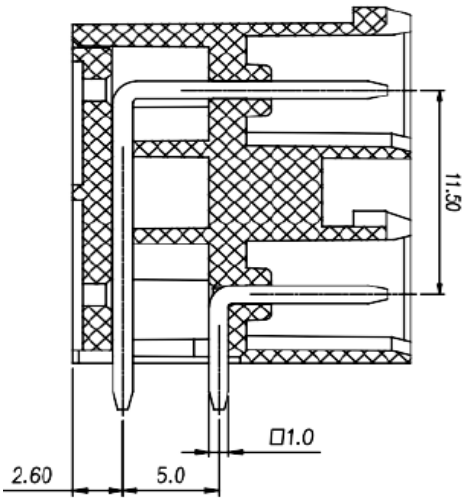
linear dimension (Tolerances Standard GB/T 14486-2008									—			THR Pluggable Terminal Block (Wafer)		
variable range	to 6	over 6 to 10	over 10 to 30	over 30 to 60	over 60 to 100	over 100 to 160	over 160 to	to 10	over 10 to 100	over 100to				
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60	Part No.:			A14L141
MATL:	Wilson		TOLERANCE		Mason		DATE		18.02.2025		Customer:			
FINISH	Jamy				Sheet No.				1 from 4					



PCB Layout



Dimensions / Tolerance (mm)



Tolerances unless otherwise specified (mm)										THR Pluggable Terminal Block (Wafer)
x		x.x		x.xx		x.xxx		Angle		
±1		±0,60		±0,30		±0,10		±3°		
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	18.02.2025	Part No.: A14L141
APPD:	Schumi			FINISH	Jamy		Sheet No.		2 from 4	Customer:



EDCON
COMPONENTS
A MEMBER OF EDCON-GROUP

Serie	No. of Pos.	Body Color	Special Function	Approval Code	ROHS	Packing	EDCON Cust. No.	Customer Version		
A14L141	-	04	BK	N	N	R	B	xxxxxxx	xx	

Pitch 5,00	04 = 2x02 Number of Pos.	N = No special function	N = NON ROHS Approval	R = ROHS Conform	B = Bulk-Ware	xxxxxx = Customer Number	xx = Customer Version ??(Printing)
	Standard 2*2 ~ 2*24 Pos.		1 = UL-Approval for Material	N = NON ROHS Conform	I = Individual Package		
			A = UL /UR Approval Please consult EDCON for available				
	BK = Black	C = TÜV Approval Please consult EDCON for available					

THR Pluggable Terminal Block (Wafer)

Part No.: **A14L141**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	18.02.2025
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 4

Customer:



Soldering Profile Curve

THR Pluggable Terminal Block (Wafer)	
Part No.:	A14L141
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	18.02.2025
APPD:	Schumi			FINISH	Jamy		Sheet No.		4 from 4