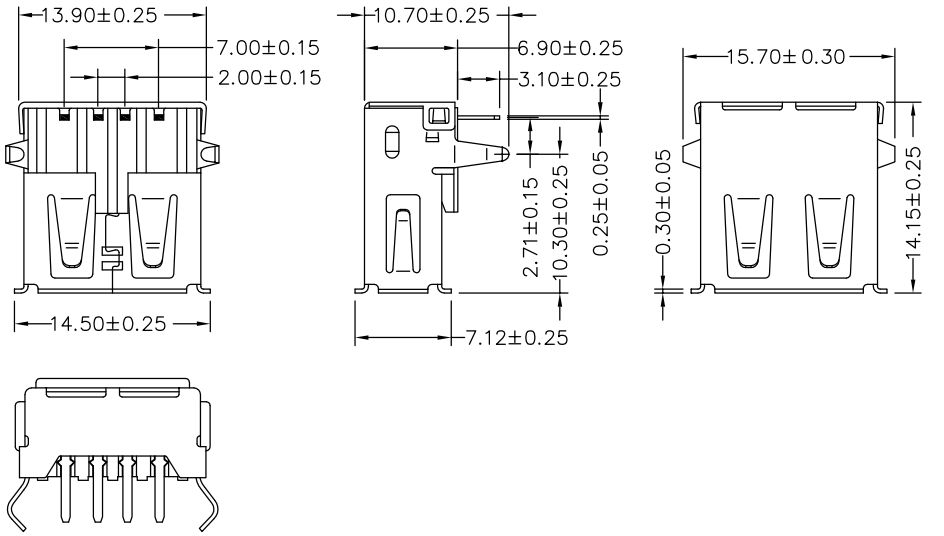
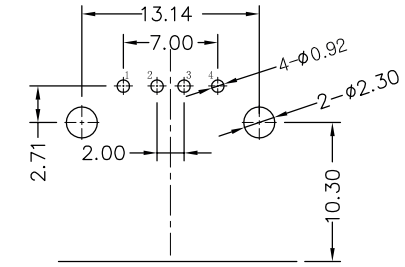




PCB LAYOUT - COMPONENT VIEW
RECOMMENDED PCB THICKNESS : 1.6 mm

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PBT
FLAMMABILITY RATING: UL94-V0
COLOR: WHITE
CONTACT MATERIAL: BRASS
CONTACT PLATING: GOLD OVER Ni
COVER MATERIAL: BRASS
COVER PLATING: Ni
QUALITY CLASS: 1 500 MATING CYCLES

ENVIRONMENTAL
OPERATING TEMPERATURE: -40°C UP TO +85°C
COMPLIANCE: LEAD FREE & ROHS

ELECTRICAL
CURRENT RATING:
- PIN 1 & PIN 4: 3 A
- OTHER PINS: 1 A
WORKING VOLTAGE: 30 VAC MAX
WITHSTANDING VOLTAGE: 500 VAC/MIN
INSULATION RESISTANCE: > 1000 MΩ
CONTACT RESISTANCE: 30 mΩ MAX

MECHANICAL
INSERTION FORCE: 35.0N MAX
EXTRACTION FORCE: 10.0N MIN

STANDARD
CERTIFIED: E323964

SOLDERING
JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
TRAY

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C	20-JUN-17	OTHER PINS	AK
B	23-JAN-17	CERTIFIED	AK
A	19-JUN-15	PDF	AK

PROJECTION:

APPROVAL: NPr

GENERAL TOLERANCE
.X = +/_ 0.2
.XX = +/_ 0.15

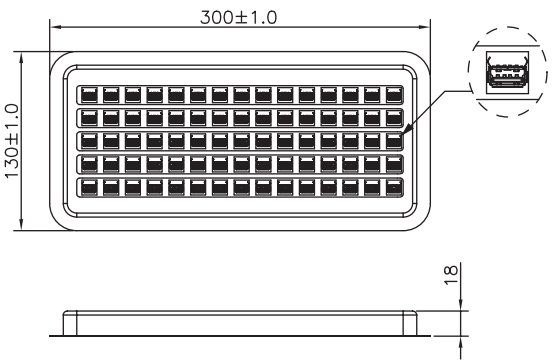
UNIT: MM
SCALE:
SHEET: 1/3
DRAW: AK

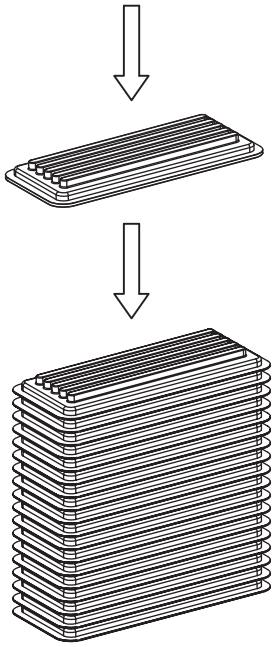
WÜRTH ELEKTRONIK

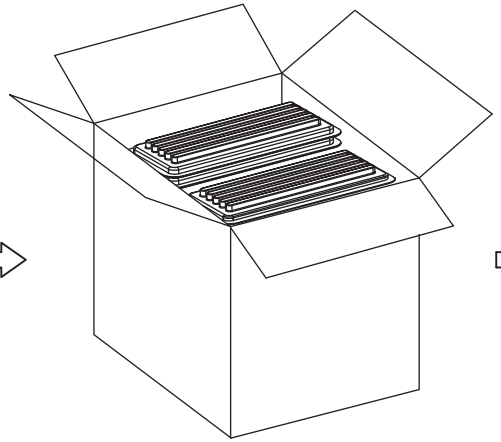
DESCRIPTION: USB 2.0 TYPE A HORIZONTAL THT

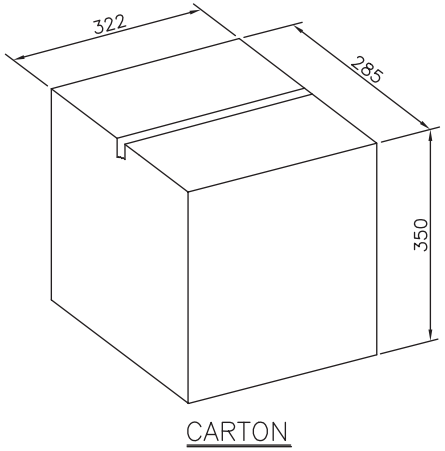
WERI PART NO: 614 004 190 021

SIZE
A4









CARTON

60 pcs/tray
44 trays/carton
2640 pcs/carton

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A			

PROJECTION:

GENERAL TOLERANCE
.X = +/- 0.2
.XX = +/- 0.15

APPROVAL: NPr

UNIT: MM
SCALE:
SHEET: 2/3
DRAW: AK

WÜRTH ELEKTRONIK

DESCRIPTION: USB 2.0 TYPE A HORIZONTAL THT

WERI PART NO: 614 004 190 021

SIZE
A4

Cautions and Warnings:

This electronic component is designed and developed with the intention for use
in general electronics equipments.
Before incorporating the components into any equipments in the field such as aerospace, aviation,
nuclear control, submarine, transportation, (automotive control, train control, ship control),
transportation signal, disaster prevention, medical, public information network etc. where higher safety
and reliability are especially required or if there is possibility of direct damage or injury to human body,
Wurth Elektronik must be asked for a written approval.
In addition, even electronic component in general electronic equipments, when used in electrical circuits
that require high safety, reliability functions or performance, the sufficient reliability evaluation-check
for the safety must be performed before by the user before usage.

RoHS Compliant							
G				PROJECTION:	GENERAL TOLERANCE	WÜRTH ELEKTRONIK	
F					.X = +/- 0.2		
E					.XX = +/- 0.15		
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE
B					SCALE:		A4
A	10-SEP-14	PDF	QL		SHEET: 3/3	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

WURTH:

636201040300 686124183822 74408942330 865080457015 64900821122 665102131822 71206415 560112110188 714726110106 7443633300 860080275016 620307124022 64900221122 744393665015 78438335033HT 830003237 865230657014 140816144200 687640141002 687750225002 744052002 782963560 810913006 74438334022 810912012 74437529203220 830032817 971100477 560112110239 784773147