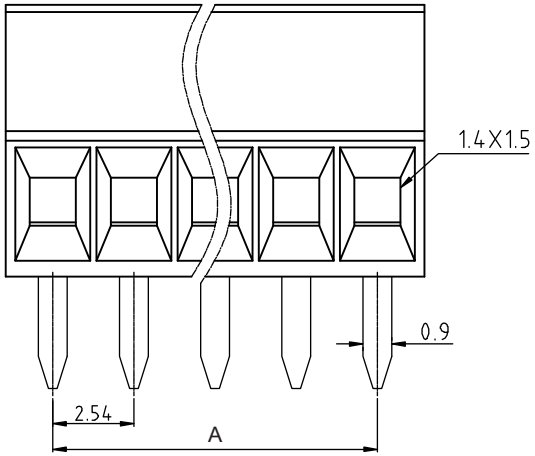
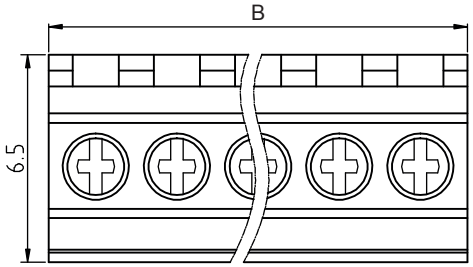
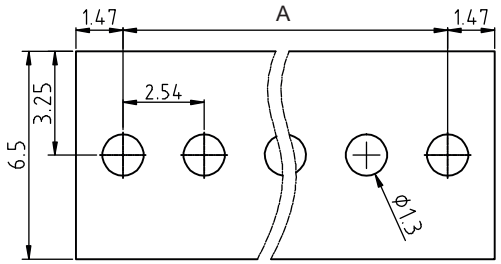








PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PA 66
FLAMMABILITY RATING: UL94-V0
COLOR: GREEN
METAL HOUSING: BRASS (CuZn)
TERMINAL SCREW: STEEL ZINC PLATING "+-" SLOT TYPE
CONTACTS: BRASS
SURFACE OF SOLDER TAIL PLATING: TIN

ENVIRONMENTAL
OPERATING TEMPERATURE: -40 UP TO 105°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL	cULus
CURRENT RATING:	6 A
WORKING VOLTAGE:	150 VAC
WITHSTANDING VOLTAGE:	1.3 KV
CONTACT RESISTANCE:	20 mOhm MAX

STANDARD
cULus CERTIFIED E315414

MECHANICAL	
SOLID WIRE:	30-18 AWG / 0.0509-0.823 MM²
STRANDED WIRE:	30-18 AWG / 0.0509-0.823 MM²
TORQUE:	1.3 Lb.In / 0.15 Nm

WIRE STRIPE LENGTH: 4-5 MM
SCREW: M1.6
PITCH: 2.54 MM

SOLDERING
JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
BOX

DIMENSION
A = (NB. PIN -1) x2,54
B = (NB. PIN x2,54) + 0,4

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B	31-JUL-15	UPDATE	AK
A	12-OCT-09	PDF	JP

PROJECTION:

APPROVAL: FBr

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

UNIT: MM
SCALE:
SHEET: 1/2
DRAW: MARVIN

WÜRTH ELEKTRONIK

DESCRIPTION: SERIE 2109 - 2.54MM HORIZONTAL ENTRY WITH RISING CLAMP CAGE CLAMP - WR-TBL

WERI PART NO: 691 210 910 0xx

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: 2/2	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:

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