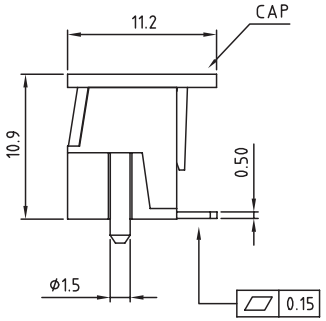
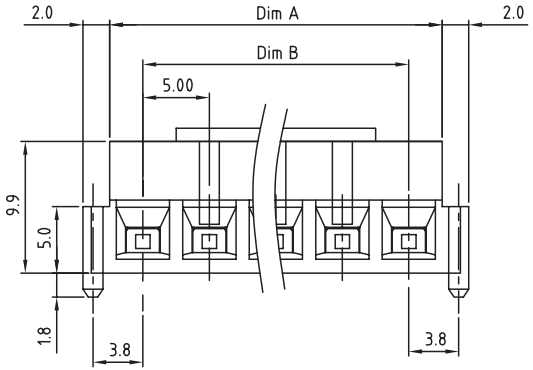
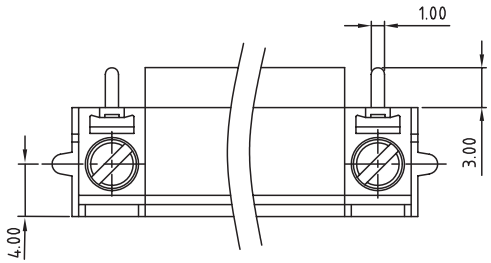


PCB LAYOUT - COMPONENT VIEW







N = Number of poles
Dim A=Nx5.0
Dim B=(N-1)x5.0

	Dim A	Dim B
2-4p	±0.15	±0.10
5-7p	±0.20	±0.20

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: HI TEMP PA46
FLAMMABILITY RATING: UL94-V0
COLOR: BLACK
METAL HOUSING: BRASS (CuZn)
TERMINAL SCREW: STEEL ZINC PLATING "-" SLOT TYPE
WIRE GUARD: STAINLESS STEEL
SURFACE OF SOLDER TAIL PLATING: TIN

ENVIRONMENTAL
OPERATING TEMPERATURE: -40 UP TO 130°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL	UL
CURRENT RATING:	6 A
WORKING VOLTAGE:	300 VAC
WITHSTANDING VOLTAGE:	1.6 KV
CONTACT RESISTANCE:	20 mOhm MAX

STANDARD
cULus CERTIFIED E315414

MECHANICAL
SOLID WIRE: 30-14 AWG / 0.0508-2.08 MM²
STRANDED WIRE: 30-14 AWG / 0.0508-2.08 MM²
TORQUE: 3.5 Lb.In / 0.4 Nm

WIRE STRIPE LENGTH: 7-8 MM
SCREW: M3
PITCH: 5.0 MM

SOLDERING
JEDEC LEAD FREE REFLOW SOLDERING PROCESS

PACKAGING
TAPE & REEL WITH CAP

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C	30-MAY-16	TPK	AK
B	17-AUG-10	DIMENSION	GG
A	21-JUN-10	PDF	JP

PROJECTION:

APPROVAL: FBr

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

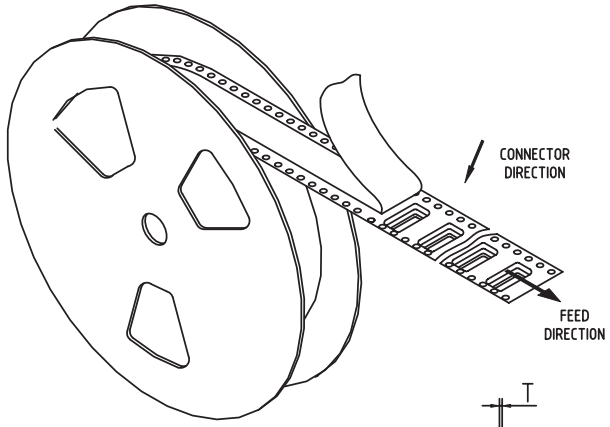
UNIT: MM
SCALE:
SHEET: 1/3
DRAW: MARVIN

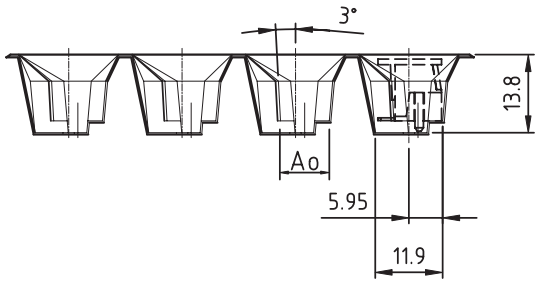
WÜRTH ELEKTRONIK

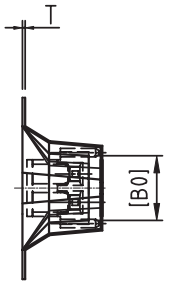
DESCRIPTION: SERIE 7097 -SMD 5.0MM HORIZONTAL ENTRY MODULAR WITH PRESSURE CLAMP - WR-TBL

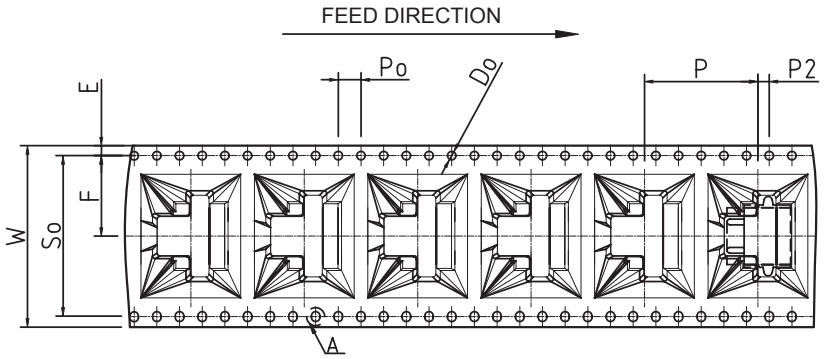
WERI PART NO: 691 709 710 3xx

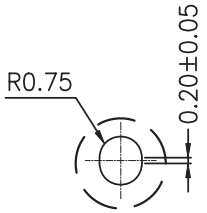
SIZE
A4











DETAIL: "A"

EIA	DIMENSIONS
W	32.0±0.3
E	1.75±0.10
F	14.2±0.10
So	28.4±0.10
P	20.0±0.10
Po	4.0±0.10
P2	2.0±0.10
Do	ø1.5 +0.10 −0.00
D1	
T	0.50±0.05
Ao	8.60±0.10
Bo	11.40±0.10
Ko	13.80±0.10

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A			

PROJECTION:

APPROVAL: FBr

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

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

WÜRTH ELEKTRONIK

DESCRIPTION: SERIE 7097 -SMD 5.0MM HORIZONTAL ENTRY MODULAR WITH PRESSURE CLAMP - 2.0MM² WIRES WR-TBL

WERI PART NO: 691 709 710 3xx

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

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WURTH:

74408942330 7443633300 744393665015 810913006 830003237 714726110106 810912012
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