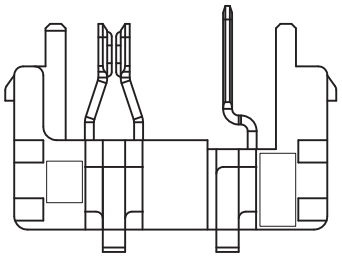
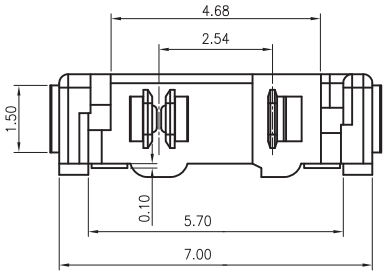
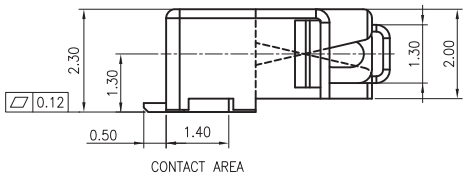
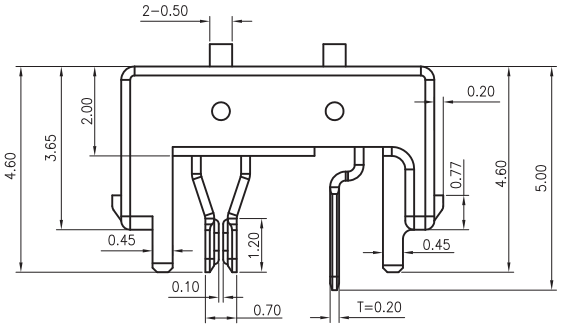
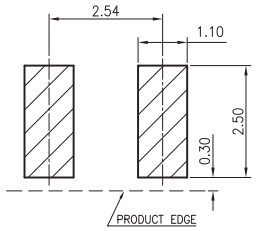


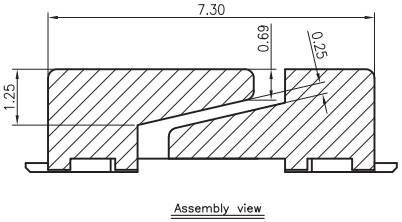








PCB LAYOUT - COMPONENT VIEW



TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: LCP
FLAMMABILITY RATING: UL94V0
COLOR: IVORY
CONTACT MATERIAL: BERYLLIUM COPPER
CONTACT PLATING: GOLD FLASH 0.015 µm OVER Ni 1 µm
QUALITY CLASS: 300 CYCLES

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

ELECTRICAL
CURRENT RATING: 3 A
WORKING VOLTAGE: 300 VAC
INSULATION RESISTANCE: >1000 MΩ
DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/MIN
CONTACT RESISTANCE: 30 mΩ MAX

PITCH: 2,54 mm

STANDARD
cULus CERTIFIED: E478560

SOLDERING
JEDEC LEAD FREE REFLOW SOLDERING PROCESS

PACKAGING
TAPE & REEL

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B	03-FEB-16	DIELECTRIC	AK
A	21-DEC-15	PDF	AK

PROJECTION:

GENERAL TOLERANCE
±0,1

APPROVAL: GMo

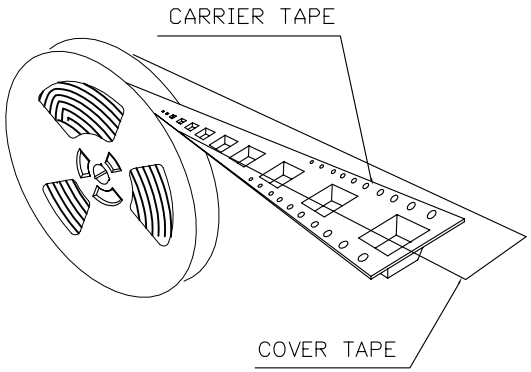
UNIT: MM
SCALE:
SHEET: 1/3
DRAW: AK

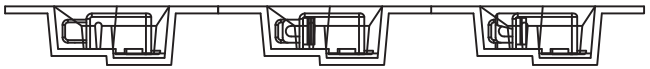
WÜRTH ELEKTRONIK

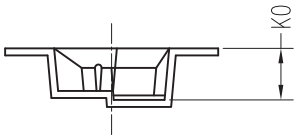
DESCRIPTION: 2,54 mm PITCH SMT ANGLED HERMAPHRODITIC

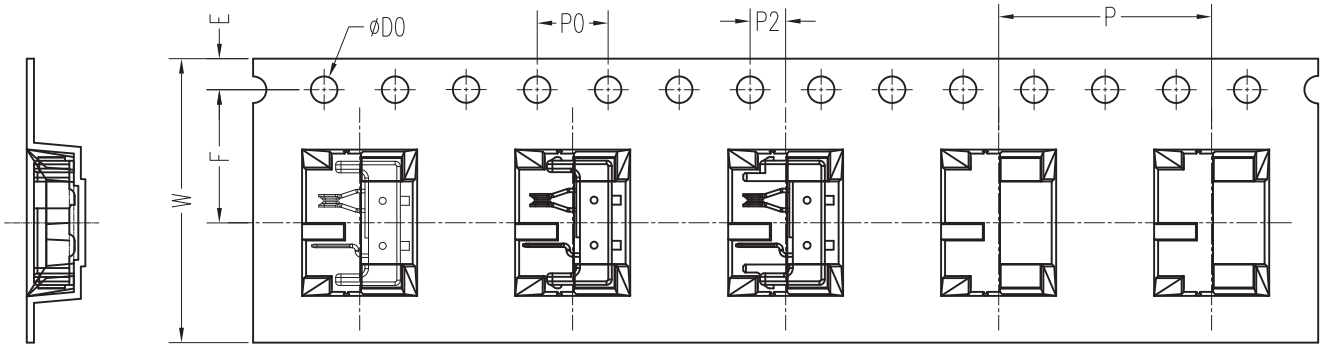
WERI PART NO: 695 402 250 128

SIZE
A4









ITEM	W	A0	A1	B0	B1	K0	K1	P	F	S	E	D0	P0	P2	T
DIM	16.00±0.30					2.90±0.10		12.00±0.10	7.50±0.15		1.75±0.10	1.50±0.10	4.00±0.10	2.00±0.10	0.40±0.05

Packing QTY: 1500Pcs/Reel
Reel SPEC: 13''x16 mm
Carton size: 360 x 330 x365 mm

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A			

PROJECTION:

GENERAL TOLERANCE
±0,1

APPROVAL: GMo

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

WÜRTH ELEKTRONIK

DESCRIPTION: 2,54 mm PITCH SMT ANGLED HERMAPHRODITIC

WERI PART NO: 695 402 250 128

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		