

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: LCP
 FLAMABILITY RATING: UL94-V0
 COLOR: BLACK
 METAL HOUSING: BRASS (CuZn)
 TERMINAL SCREW: STEEL ZINC PLATING "-" SLOT TYPE
 WIRE GUARD: BRASS, TIN PLATED
 SURFACE OF SOLDER TAIL PLATING: TIN

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

ELECTRICAL

	cULus
CURRENT RATING:	10 A
WORKING VOLTAGE:	300 VAC
WITHSTANDING VOLTAGE:	1.6KV
CONTACT RESISTANCE:	20 mOhm MAX

STANDARD
 CERTIFIED E315414

MECHANICAL

SOLID WIRE:	16-30 AWG / 0.05-1.33 MM ²
STRANDED WIRE:	16-30 AWG / 0.05-1.33 MM ²
TORQUE:	1.7 Lb.In / 0.2Nm

WIRE STRIPE LENGTH: 4-5 mm
 SCREW: M2.0
 PITCH: 3.50 mm

SOLDERING
 JEDEC LEAD FREE REFLOW SOLDERING PROCESS

PACKAGING
 TAPE & REEL WITH CAP

DIMENSION

Dim A	NX3.50+0.20
Dim B	(N-1)X3.50
Dim C	NX3.50+2.0

RoHS Compliant			
G			
F			
E			
D			
C	09-MAR-16	TPK	AK
B	18-NOV-14	DIMENSIONS	AS
A	23-JUL-14	PDF	AS
REV	DATE	FILE	BY

PROJECTION:			
APPROVAL: FBr			

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

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

DESCRIPTION: SERIE 5081 - 3.50MM HORIZONTAL ENTRY SMT PRESSURE CLAMP WR-TBL	
WERI PART NO: 691 508 110 3xx	

SIZE
A4

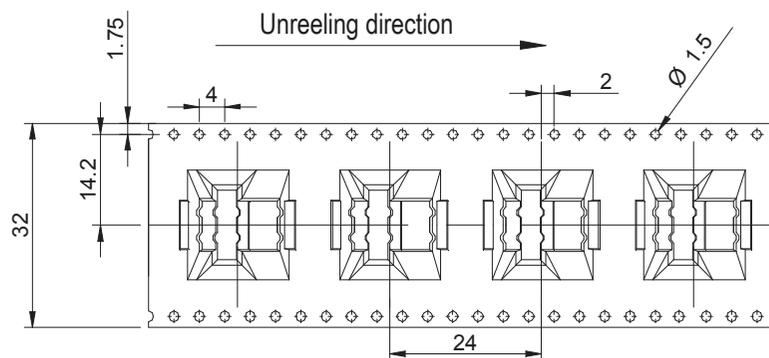
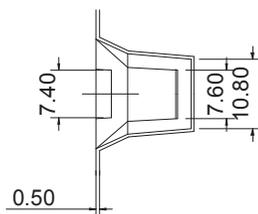
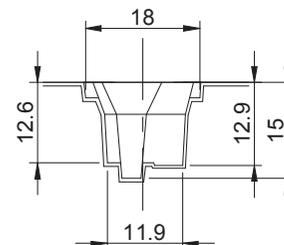
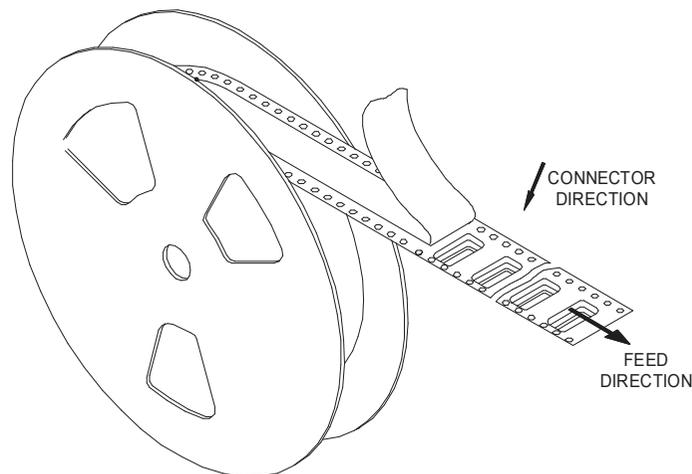
1

2

3

4

5



PACKING LENGTH PER REEL 4.44 METER.

Note: First 15 compartments and last 20 compartments are empty

RoHS Compliant

G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

PROJECTION:



APPROVAL: FBr

GENERAL TOLERANCE

.X = ± 0.2

.XX = ± 0.15

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: AS



WÜRTH ELEKTRONIK

DESCRIPTION: SERIE 5081 - 3.50MM HORIZONTAL ENTRY SMT
PRESSURE CLAMP WR-TBL

WERI PART NO: 691 508 110 3xx

SIZE

A4

A

B

C

D

1

2

3

4

5

Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

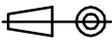
Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth 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.

A

B

C

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

D