

**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**  
 RoHS CERTIFIED E315414

**MECHANICAL**

SOLID WIRE:	16-30 AWG / 0.05-1.33 MM <sup>2</sup>
STRANDED WIRE:	16-30 AWG / 0.05-1.33 MM <sup>2</sup>
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				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		DESCRIPTION: SERIE 5081 - 3.50MM HORIZONTAL ENTRY SMT PRESSURE CLAMP WR-TBL	SIZE <b>A4</b>
G								
F								
E								
D								
C	09-MAR-16	TPK	AK	APPROVAL: FBr	UNIT: MM	DESCRIPTION: SERIE 5081 - 3.50MM HORIZONTAL ENTRY SMT PRESSURE CLAMP WR-TBL		SIZE <b>A4</b>
B	18-NOV-14	DIMENSIONS	AS		SCALE:	WERI PART NO: 691 508 110 3xx		
A	23-JUL-14	PDF	AS		SHEET: 1/3			
REV	DATE	FILE	BY		DRAW: AS			

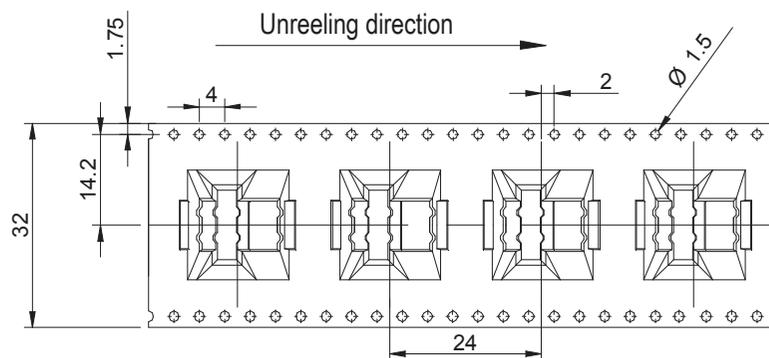
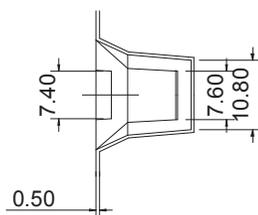
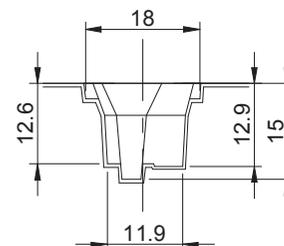
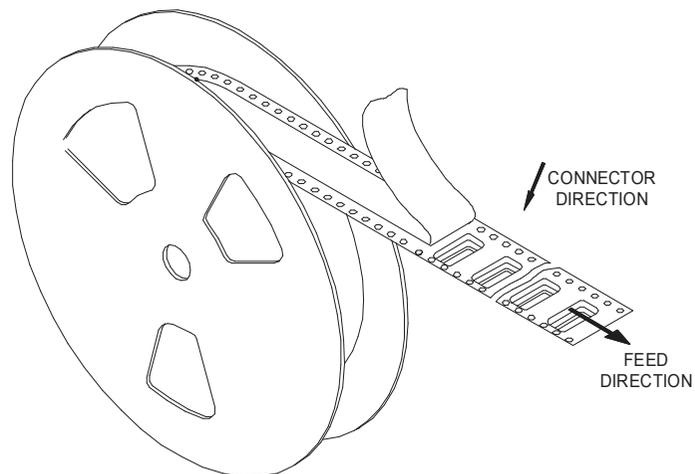
1

2

3

4

5



PACKING LENGTH PER REEL 4.44 METER.

Note: First 15 compartments and last 20 compartments are empty

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = $\pm 0.2$ .XX = $\pm 0.15$		DESCRIPTION: SERIE 5081 - 3.50MM HORIZONTAL ENTRY SMT PRESSURE CLAMP WR-TBL	SIZE <b>A4</b>
G								
F								
E								
D								
C			APPROVAL: FBr	UNIT: MM	DESCRIPTION: SERIE 5081 - 3.50MM HORIZONTAL ENTRY SMT		SIZE	
B				SCALE:	PRESSURE CLAMP WR-TBL			
A				SHEET: 2/3	WERI PART NO: 691 508 110 3xx			
REV	DATE	FILE	BY	DRAW: AS				

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.

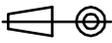
Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and 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

# Mouser Electronics

Authorized Distributor

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