

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

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

STANDARD
 CERTIFIED E315414

MECHANICAL

SOLID WIRE:	16-30 AWG / 0.05-2.0MM ²
STRANDED WIRE:	16-30 AWG / 0.05-2.0MM ²
TORQUE:	1.7 Lb.In / 0.2Nm

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

SOLDERING:
 JEDEC LEAD FREE REFLOW SOLDERING PROCESS

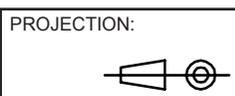
PACKAGING: TAPE & REEL WITH CAP

SERIE 5081

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			
B	18-NOV-14	DIMENSIONS	AS
A	23-JUL-14	PDF	AS
REV	DATE	FILE	BY



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



APPROVAL: FBr

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

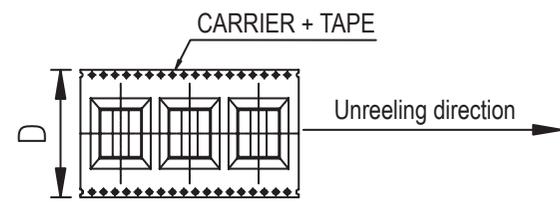
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2

3

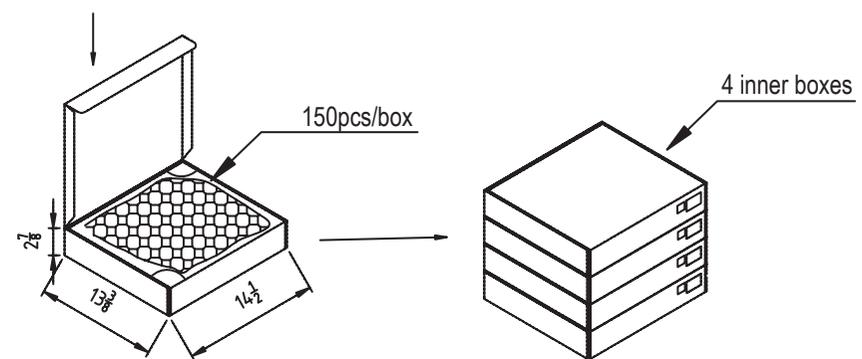
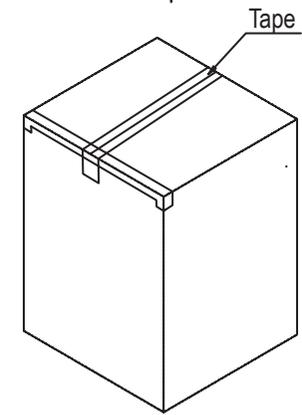
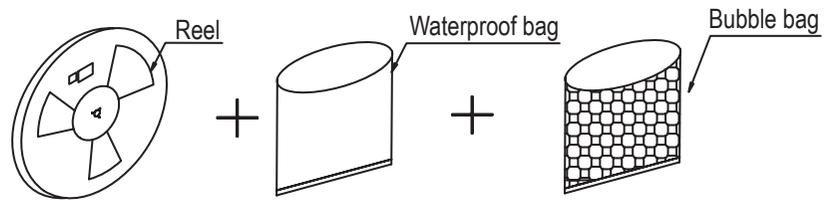
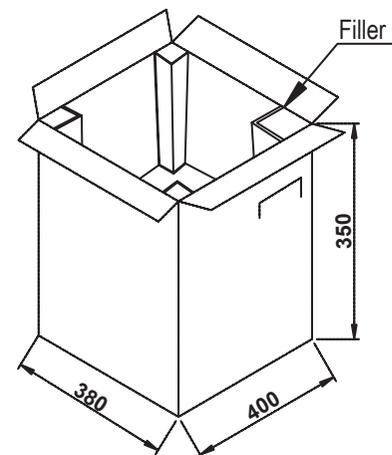
4

5

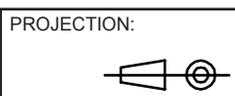


Note: First 15 compartments and last 20 compartments are empty

Pole	Dimension D
2,3pole	32+/-0.3mm
4,6pole	44+/-0.3mm
5,7,8Pole	56+/-0.3mm



RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	23-JUL-13	PDF	AS
REV	DATE	FILE	BY



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: FBr

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: AS

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

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

D