

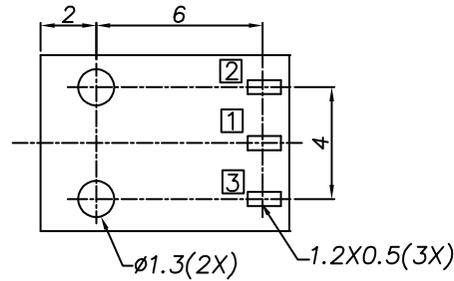
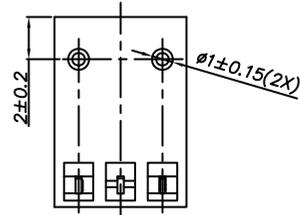
1

2

3

4

5



PCB LAYOUT - COMPONENT VIEW
TOLERANCE ± 0.05

TECHNICAL CHARACTERISTICS

MATERIAL

INSULATOR: PA 66
FLAMABILITY RATING: UL94-V0
COLOR: BLACK
CONTACT MATERIAL: COPPER ALLOY
CONTACT TYPE: STAMPED
PLATING:
- CENTER PIN: GOLD
- SHUNT TERMINAL: TIN
- TIP SPRING: TIN
QUALITY CLASS: 5000 MATING CYLCES

ENVIRONMENTAL

OPERATING TEMPERATURE: -40°C UP TO +85°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL

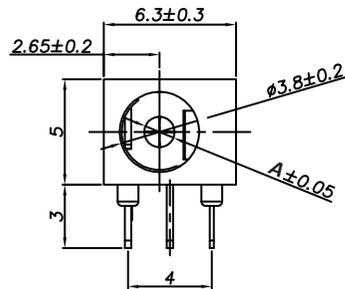
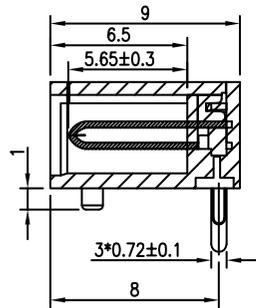
CURRENT RATING: 2A
WORKING VOLTAGE: 20 VDC
INSULATION RESISTANCE: >100 MΩ
DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/MIN
CONTACT RESISTANCE: 30 mΩ max

SOLDERING

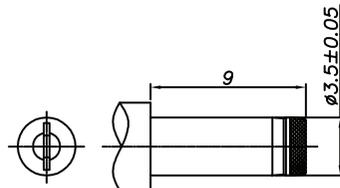
JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING

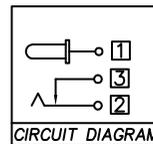
TRAY



Ø A	1.0	1.3
XX	02	03
PLUG INNER Ø	1.05 ^{+0.10} _{-0.00}	1.35 ^{+0.10} _{-0.00}
PLUG OUTER Ø	3.5±0.05	3.5±0.05



DC MATE PLUG

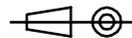


CIRCUIT DIAGRAM

□ : TERMINAL NO.

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

X = \pm 0.50

.X = \pm 0.30

.XX = \pm 0.20



APPROVAL: JTs

UNIT: MM

SCALE:

SHEET: 1/3

DRAW: AS

DESCRIPTION: DC POWER JACK - RIGHT ANGLED - THT - 1.0 & 1.3Ø -WR-DC

WERI PART NO: 694 1xx 304 002

SIZE

A4

G			
F			
E			
D			
C			
B	26-JAN-15	RIGHT VIEW	QL
A	29-OCT-14	PDF	AS
REV	DATE	FILE	BY

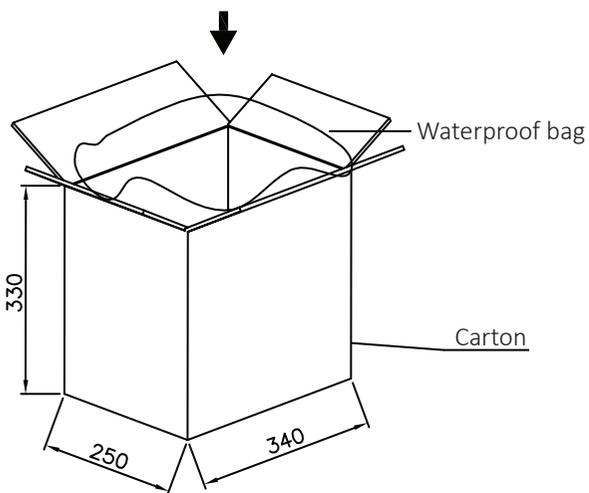
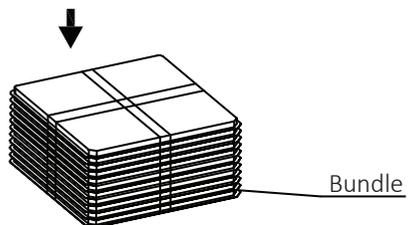
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4

5



125 pcs/tray

21 trays/bundle
2625 pcs/bundle4 bundles/carton
10500 pcs/carton

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = ± 0.2 .XX = ± 0.15 

WÜRTH ELEKTRONIK

APPROVAL: JTs

UNIT: MM

DESCRIPTION: DC POWER JACK - RIGHT ANGLED - THT - 1.0 & 1.3Ø -WR-DC

SIZE

SCALE:

SHEET: 2/3

WERI PART NO: 694 1xx 304 002

A4

REV	DATE	FILE	BY
A	29-OCT-14	PDF	AS

DRAW: AS

1

2

3

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Cautions and Warnings:

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

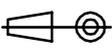
Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and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