

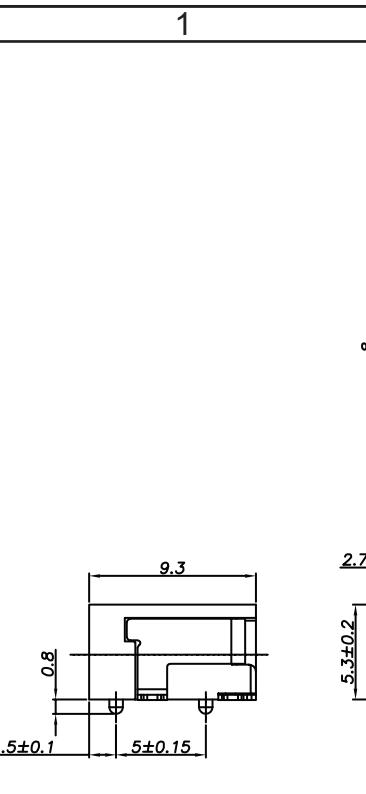
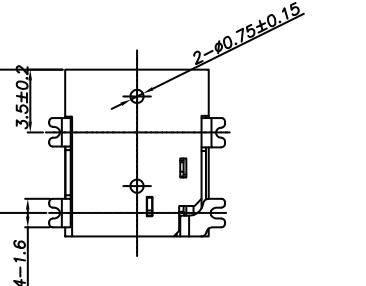
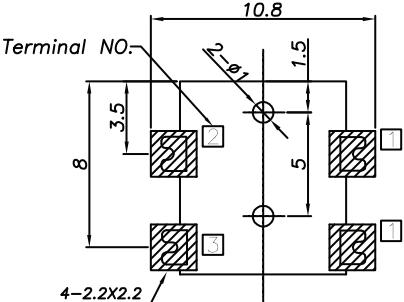
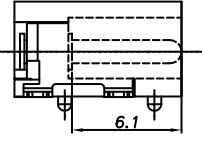
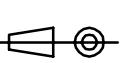
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 <p>DC MATE PLUG</p>		 <p>PCB LAYOUT - COMPONENT VIEW TOLERANCE ± 0.05</p>  <p>CIRCUIT DIAGRAM</p> <p>□ : TERMINAL NO.</p>	<p>TECHNICAL CHARACTERISTICS</p> <p>MATERIAL INSULATOR: PA 9T FLAMABILITY RATING: UL94-V0 COLOR: BLACK CONTACT MATERIAL: COPPER ALLOY CONTACT TYPE: STAMPED PLATING: - CENTER PIN: GOLD - CENTER PIN TERMINAL: TIN - SHUNT TERMINAL: TIN - TIP SPRING: TIN QUALITY CLASS: 5000 MATING CYCLES</p> <p>ENVIRONMENTAL OPERATING TEMPERATURE: -40°C UP TO +85°C COMPLIANCE: LEAD FREE AND ROHS</p> <p>ELECTRICAL CURRENT RATING: 5A WORKING VOLTAGE: 18 VDC INSULATION RESISTANCE: >100 MΩ DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/MIN CONTACT RESISTANCE: 50 mΩ max</p> <p>SOLDERING JEDEC LEAD FREE REFLOW SOLDERING PROCESS</p> <p>PACKAGING TAPE & REEL</p> <table border="1" data-bbox="932 928 1448 1191"> <tr> <td>Ø A</td> <td>1.0</td> <td>1.3</td> </tr> <tr> <td>XX</td> <td>02</td> <td>03</td> </tr> <tr> <td>PLUG INNER Ø</td> <td>$1.05^{+0.10}_{-0.00}$</td> <td>$1.35^{+0.10}_{-0.00}$</td> </tr> <tr> <td>PLUG OUTER Ø</td> <td>3.5 ± 0.05</td> <td>3.5 ± 0.05</td> </tr> </table>	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
Ø A	1.0	1.3													
XX	02	03													
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RoHS Compliant		GENERAL TOLERANCE $X = {}^+/- 0.50$ $.X = {}^+/- 0.30$ $.XX = {}^+/- 0.20$	 WÜRTH ELEKTRONIK												
G															
F															
E															
D															
C															
B															
A	08-SEP-14	PDF	AS												
REV	DATE	FILE	BY	DESCRIPTION: DC POWER JACK - RIGHT ANGLED - SMT - 1.0 & 1.3Ø WERI PART NO: 694 1xx 107 102											
		DRAW: AS	SIZE A4												

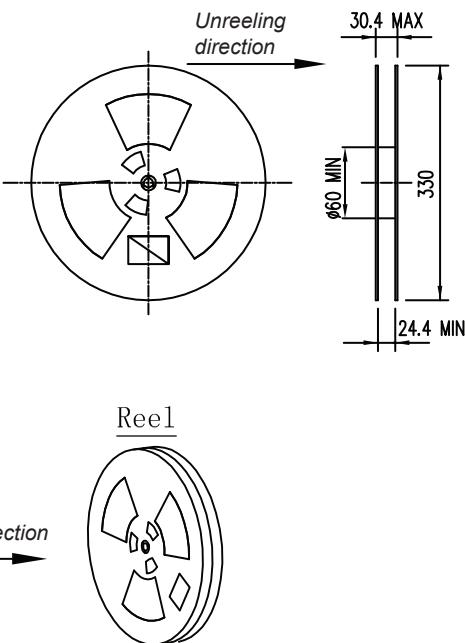
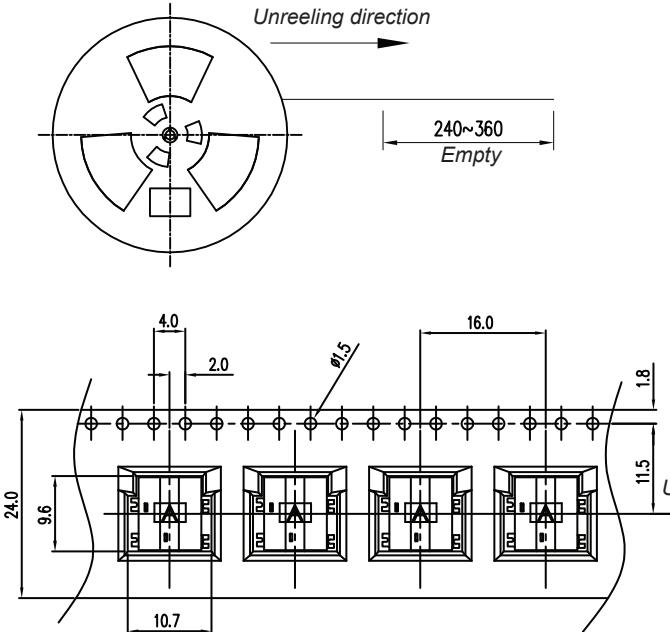
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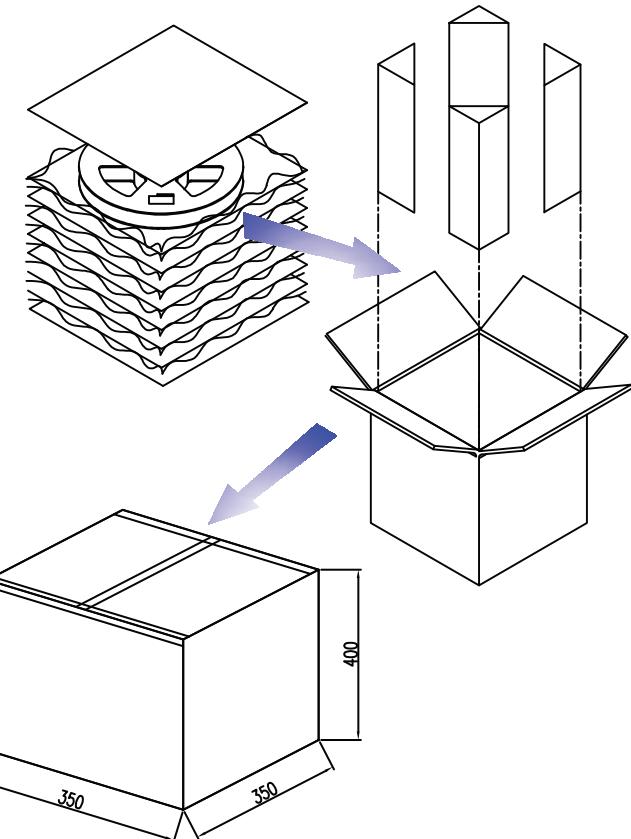
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500 pcs/reel
10 reels/carton
5000pcs/carton



RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	22-JUL-14	PDF	AS
REV	DATE	FILE	BY

PROJECTION:	GENERAL TOLERANCE	 WÜRTH ELEKTRONIK	SIZE
APPROVAL: RJ	UNIT: MM	DESCRIPTION: DC POWER JACK - RIGHT ANGLED - SMT - 1.0 & 1.3Ø	A4
	SCALE:		
	SHEET: 2/3		
	DRAW: AS		

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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, 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.

A

B

C

D

RoHS Compliant

G			
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A	10-SEP-14	PDF	QL
REV	DATE	FILE	BY

PROJECTION:	GENERAL TOLERANCE	WF WÜRTH ELEKTRONIK	DESCRIPTION: DISCLAIMER	SIZE A4	
	.X = $^{+/-} 0.2$.XX = $^{+/-} 0.15$				
APPROVAL: JC		UNIT: MM	DRAW: QL		
		SCALE:	WERI PART NO: DISCLAIMER		
		SHEET: 3/3			