

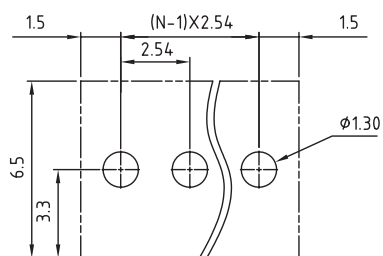
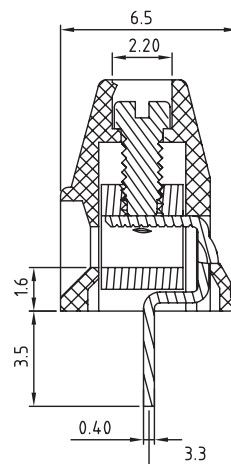
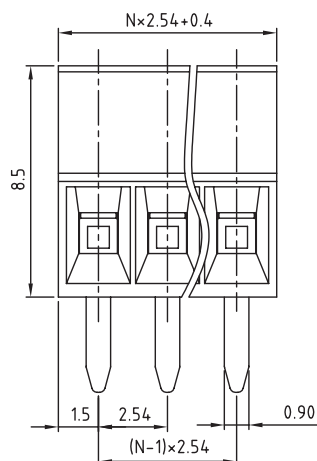
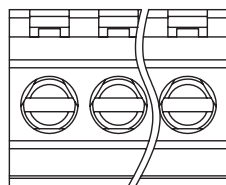
1

2

3

4

5



PCB LAYOUT - COMPONENT VIEW

## TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA 66  
 FLAMABILITY RATING: UL94-V0  
 COLOR: GREEN  
 METAL HOUSING: BRASS (CuZn)  
 TERMINAL SCREW: STEEL ZINC PLATING "+-" SLOT TYPE  
 CONTACTS: BRASS  
 SURFACE OF SOLDER TAIL PLATING: TIN

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 105°C  
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL  
 CURRENT RATING: 6A  
 WORKING VOLTAGE: 150VAC  
 WITHSTANDING VOLTAGE: 1.3KV  
 CONTACT RESISTANCE: 20 mOhm MAX

STANDARD  
 RoHS CERTIFIED E315414 / MODEL NUMBER 2109

MECHANICAL  
 SOLID WIRE: 30-18 AWG / 0.05-0.8MM<sup>2</sup>  
 STRANDED WIRE: 30-18 AWG / 0.05-0.8MM<sup>2</sup>  
 TORQUE: 1.3lb.In / 0.15Nm

WIRE STRIPE LENGTH: 4-5mm  
 SCREW: M1.6  
 PITCH: 2.54mm

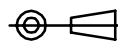
SOLDERING: WAVE PROCESS ONLY

PACKAGING: BOX

SERIE 2109

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 1/1

DRAW: MARVIN

DESCRIPTION: SERIE 2109 - 2.54MM HORIZONTAL ENTRY WITH RISING  
 CLAMP CAGE CLAMP - 0.8MM<sup>2</sup> WIRES WR-TBL

WERI PART NO: 691 210 910 0xx

SIZE

A4

G			
F			
E			
D			
C			
B			
A	12-OCT-09	PDF	JP
REV	DATE	FILE	BY