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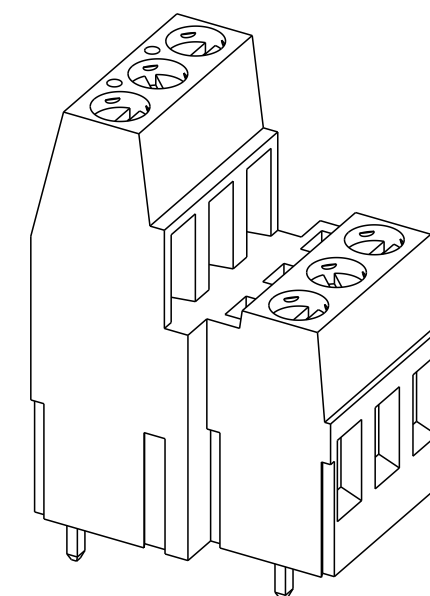
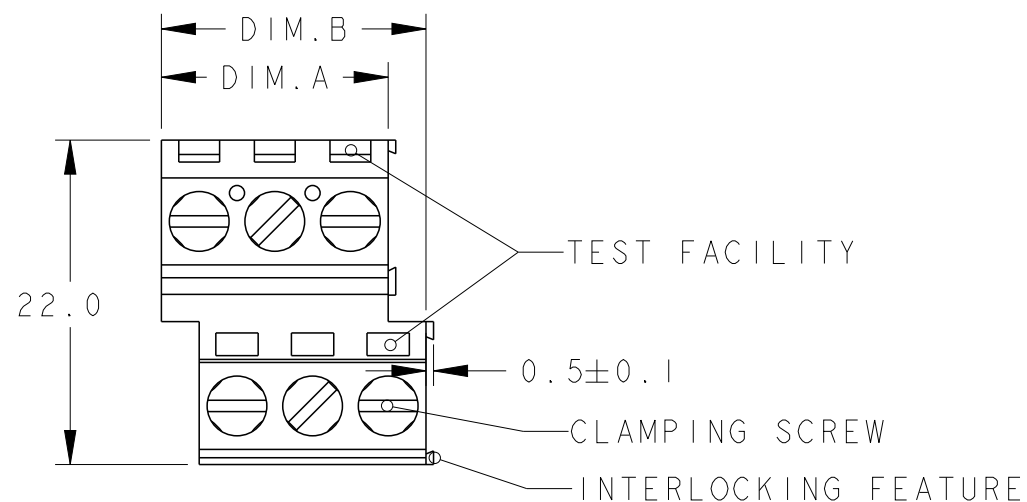
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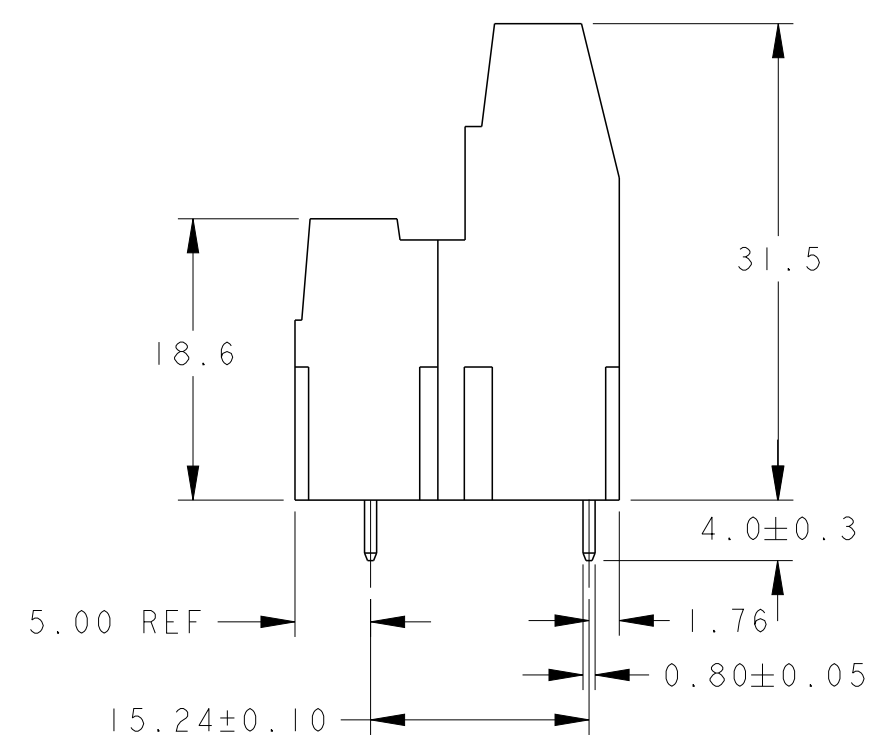
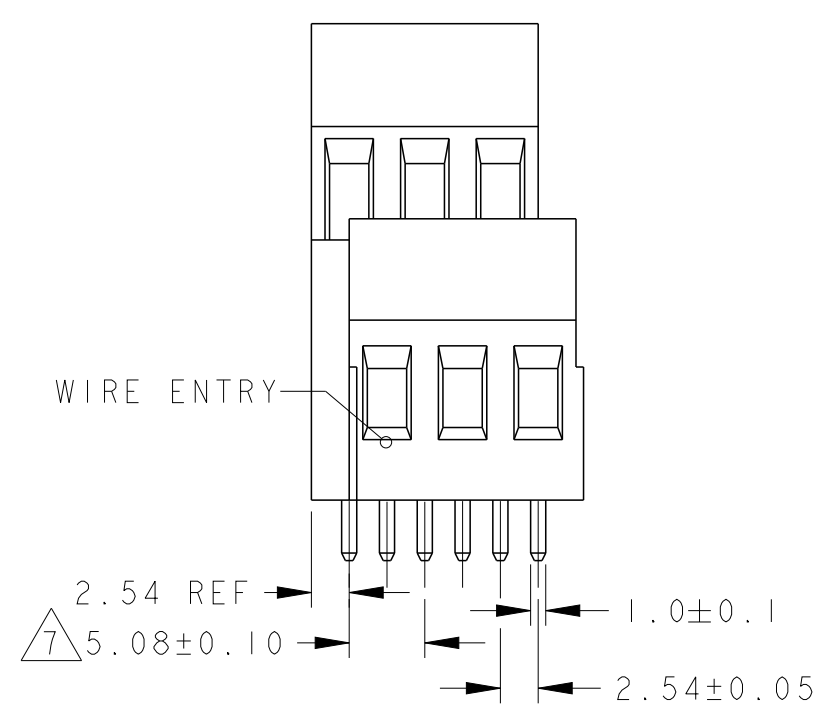
REVISIONS

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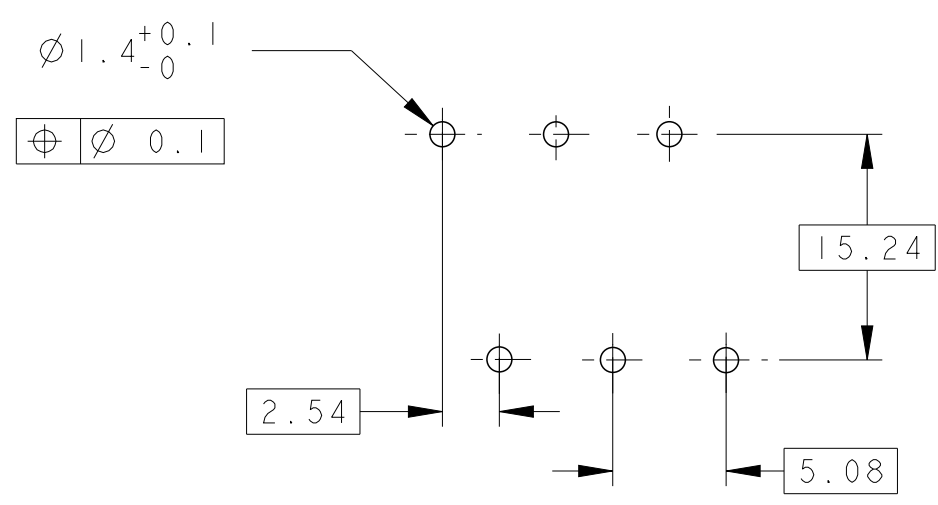
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D2	PN 282909-4 RELEASED FOR PRODUCTION	20SEP2018	RK	PS



282909-3 AS SHOWN



RECOMMENDED PC BOARD LAYOUT



	SEE SHEET 2	63.50	60.96	12	282909-6	9
PRELIMINARY	-	124.46	121.92	24	282909-5	9
	SEE SHEET 2	124.46	121.92	24	282909-4	9
	-	17.78	15.24	3	282909-3	
	-	12.70	10.16	2	282909-2	
STATUS	MARKING	DIM.B	DIM.A	NO POS.	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN E. ZANOLINI 19DEC2001
 CHK D. BIEVENOUR 19DEC2001
 APVD D. BIEVENOUR 19DEC2001

STE TE Connectivity

NAME: TERMINAL BLOCK, PCB MOUNT
 1ST AND 2ND LEVEL
 STACKING W/ INTERLOCK, 5.08mm PITCH

PRODUCT SPEC: 108-20166
 APPLICATION SPEC: 114-20079

MATERIAL: SEE NOTES
 FINISH: SEE NOTES

WEIGHT: -

SIZE: A300779
 CAGE CODE: C-282909

CUSTOMER DRAWING
 SCALE: 2:1
 SHEET: 1 OF 2
 REV: D2

4

3

2

1

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-		SEE SHEET 1	-	-	-

- MATERIALS AND FINISH
HOUSING: PA 6-6, UL 94-V0, COLOR GREEN.
CLAMP: BRASS, NICKEL PLATED.
TERMINAL: BRASS, TIN PLATED.
CLAMPING SCREW: M3, BRASS, NICKEL PLATED.
- MECHANICAL
MIN. PC BOARD HOLES DIAMETER : 1.4 mm
MAX. PC BOARD THICKNESS : 2.4 mm
WIRE STRIPPING LENGTH : 5.0-6.0 mm
RECOMMENDED TIGHTENING TORQUE FOR SCREW : 0.5 Nm.
- ELECTRICAL
WIRE RANGE : 12-30 AWG
MAX. VOLTAGE : 300 V
MAX CURRENT : 24 A
CONTACT RESISTANCE : <15 m Ohm
INSULATION RESISTANCE : >1000 M Ohm (500V DC)
- END-TO-END STACKABLE W/INTERLOCK WITHOUT LOSS OF CENTERLINE SPACING.
- RECOGNIZED UNDER THE COMPONENT PROGRAM OF UNDERWRITERS LABORATORIES INC. FILE NO E60677.
- OPERATING TEMPERATURE RANGE: -40°C TO +110°C

7

NOT CUMULATIVE TOLERANCE.

8

INK MARKING, BLACK COLOR.

9

PART NUMBER IS OBTAINED BY GLUING AND ASSEMBLYING TOGETHER (8) CONNECTORS P/N 282909-3

282909-4 AS SHOWN

282909-6 AS SHOWN

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DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±0.3
1 PLC	±0.3
2 PLC	±0.25
3 PLC	±0.25
4 PLC	±0.25
ANGLES	±2°

MATERIAL
SEE NOTESFINISH
SEE NOTESDWN
E. ZANOLINI
19DEC2001CHK
D. BIEVENOUR
19DEC2001APVD
D. BIEVENOUR
19DEC2001PRODUCT SPEC
108-20166APPLICATION SPEC
114-20079WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
TERMINAL BLOCK, PCB MOUNT
1ST AND 2ND LEVEL
STACKING W/ INTERLOCK, 5.08mm PITCH

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A300779 C-282909

SCALE 3:1

SHEET 2 OF 2

REV D2

1470-19 (3/13)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[282909-2](#)