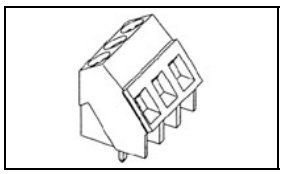
1546074-3 Product Details



1546074-3

TE Internal Number: 1546074-3

Active

Terminal Block Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Type of Connector = Wire Receptacle
- Housing Color = Black
- Not Side Stackable
- Without Screw Flange

Documentation & Additional Information

Product Drawings:
- TERMINAL BLOCK, PCB MOUNT ANGLED ENTRY WIRE, STACKIN... (PDF, English)

Catalog Pages/Data Sheets:
- 1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG (PDF, English)
- BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINA... (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- Terminal Block Stacking Connectors (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version O)
- 3D Model (IGES, Version O)
- 3D Model (STEP, Version O)

Additional Information:
- Product Line Information

Related Products:
- Tooling

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Product Type = Connector
- Type of Connector = Wire Receptacle
- Mount Angle = Vertical
- Screw Size = M3

Electrical Characteristics:
- Amperes (A) = 17.5
- Voltage (VAC) = 300

Dimensions:
- PCB Tail Length (mm [in]) = 3.80 [0.150]

Body Features:
- Side Stackable = No
- Wire Entry Diameter (Solid Wire) (mm²) = 0.03 – 2.50
- Wire Entry Diameter (Stranded Wire) (mm²) = 0.03 – 1.50
- Wire Entry Angle = 35°
- Closed End = Without
- Stacked Levels = Without
- Interlock = With
- Wire Range (mm [AWG]) = 0.05-3.00² [30-12]
- Screw Material = Brass
- Screw Plating = Nickel

Contact Features:
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Tin

Housing Features:
- Housing Color = Black
- Centerline (mm [in]) = 5.08 [0.200]
- Housing Material = Polyamide 6.6 GF
- UL Flammability Rating = UL 94V-0

Configuration Features:
- Screw Flange = Without
- Number of Positions = 3

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Other:
- Brand = Buchanan
- Comment = 15A Field Wiring

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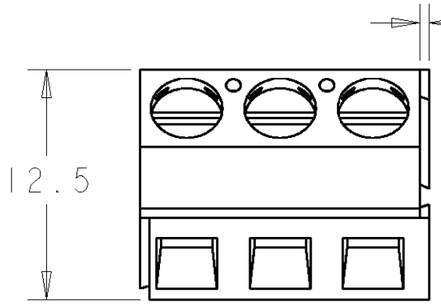
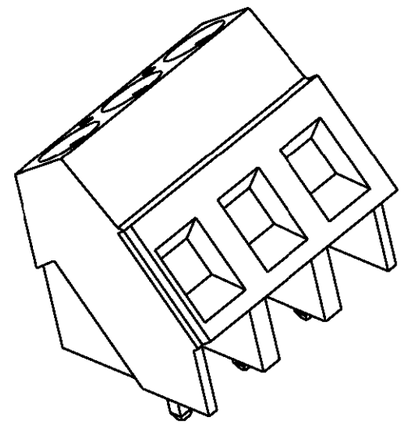
REVISIONS

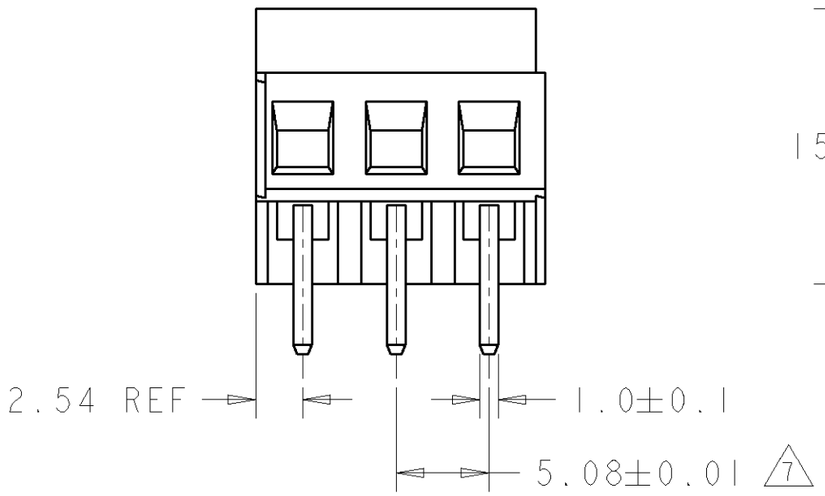
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	REVISED PER ECO-11-005294	03MAY11	RK	HMR

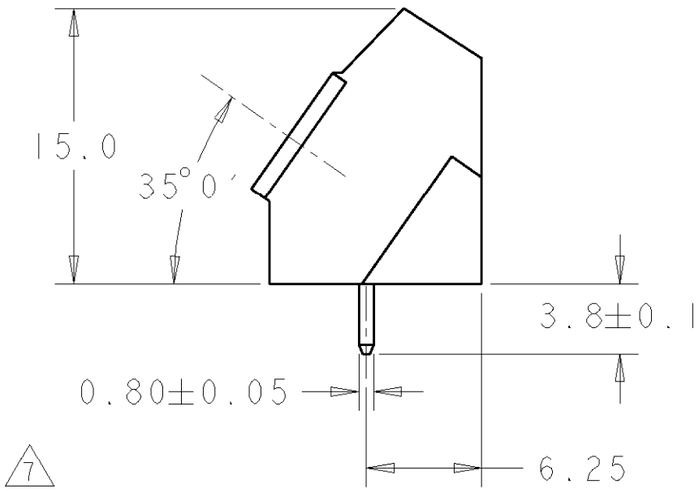
1. MATERIALS AND FINISH
   HOUSING: PA 6-6, UL 94-V0, COLOR BLACK.
   CLAMP: BRASS, NICKEL PLATED.
   TERMINAL: BRASS, TIN PLATED.
   CLAMPING SCREW: M3, BRASS, NICKEL PLATED.
2. SUITABLE FOR 1,6-2,4mm PCB THICKNESS.
3. END-TO-END STACKABLE W/INTERLOCK, WITHOUT LOSS OF CENTERLINE SPACING.
4. WIRE SIZE RANGE: 12-30 AWG
5. RECOGNIZED UNDER THE COMPONENT PROGRAM OF UNDERWRITERS LABORATORIES INC., FILE N° E60677.
6. IMQ CERTIFICATE WITH SURVEILLANCE IN CONFORMITY WITH IEC 998-1/998-2-1.
7. NOT CUMULATIVE TOLERANCE.
8. WHITE INK STAMPING.
9. BUCHANAN LOGO TO APPEAR ON HOUSING, LOCATION OPTIONAL, WHERE SPACE PERMITS.





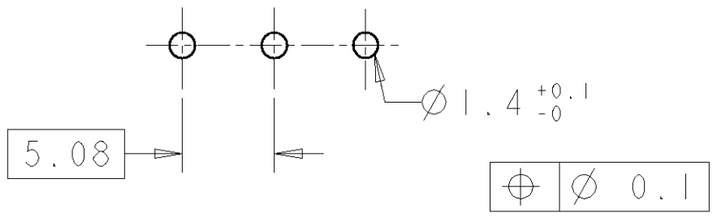
1546074-3 AS SHOWN





	DIM. A	N°POS.	PART NUMBER
8	121.92	24	3-1546074-4
8	121.92	24	3-1546074-3
8	121.92	24	3-1546074-2
8	50.80	10	3-1546074-0
8	40.64	8	2-1546074-8
	121.92	24	2-1546074-4
	116.84	23	2-1546074-3
	111.76	22	2-1546074-2
	106.68	21	2-1546074-1
	101.60	20	2-1546074-0
	96.52	19	1-1546074-9
	91.44	18	1-1546074-8
	86.36	17	1-1546074-7
	81.28	16	1-1546074-6
	76.20	15	1-1546074-5
	45.72	14	1-1546074-4
	66.04	13	1-1546074-3
	60.96	12	1-1546074-2
	55.88	11	1-1546074-1
	50.80	10	1-1546074-0
	45.72	9	1546074-9
	40.64	8	1546074-8
	35.56	7	1546074-7
	30.48	6	1546074-6
	25.40	5	1546074-5
	20.32	4	1546074-4
	15.24	3	1546074-3
	10.16	2	1546074-2

RECOMMENDED PC BOARD LAYOUT



DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.25
3 PLC ±-
4 PLC ±-
ANGLES ±2

MATERIAL -
FINISH -

DWN	E. ZANOLINI	5MAR2001
CHK	D. BIEVENOUR	5MAR2001
APVD	D. BIEVENOUR	5MAR2001
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	
CUSTOMER DRAWING		

TE Connectivity

NAME: TERMINAL BLOCK, PCB MOUNT ANGLED ENTRY WIRE, STACKING W/ INTERLOCK, 5.08mm, PITCH

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1546074	-

SCALE	SHEET	REV
3:1	1 OF 2	C1

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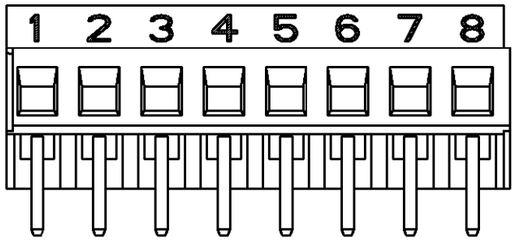
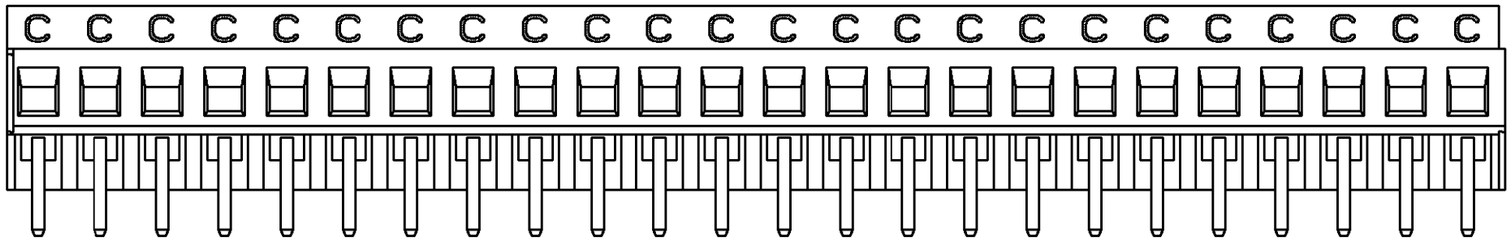
REVISIONS

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



2-1546074-8 AS SHOWN



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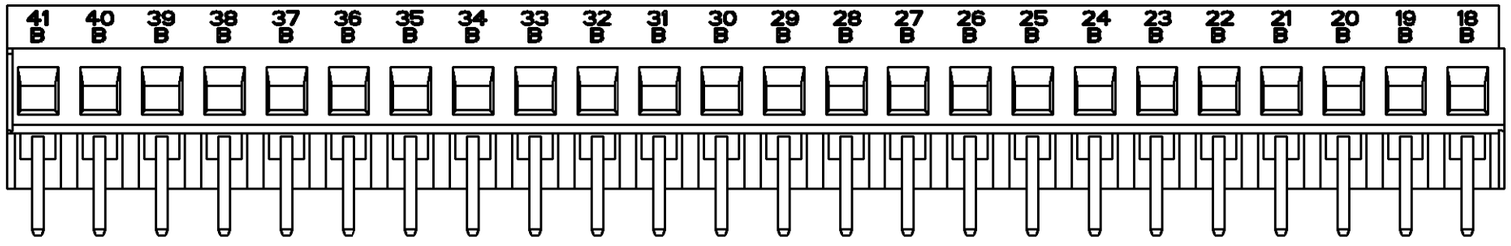
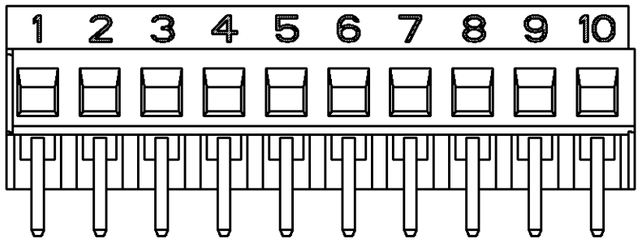


3-1546074-3 AS SHOWN



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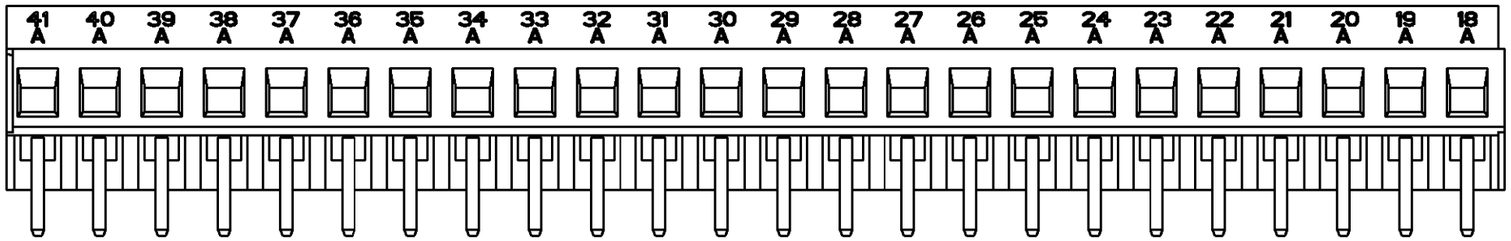

3-1546074-4 AS SHOWN

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-	DWN E. ZANOLIN 15MAR2001	TE Connectivity
		CHK D. BIEVENOUR 15MAR2001	NAME TERMINAL BLOCK, PCB MOUNT ANGLED ENTRY WIRE, STACKING W/ INTERLOCK, 5.08mm, PITCH
		APVD D. BIEVENOUR 15MAR2001	
		PRODUCT SPEC -	
		APPLICATION SPEC -	SIZE A3 / CAGE CODE 00779 / DRAWING NO C-1546074 / RESTRICTED TO -
MATERIAL -	FINISH -	WEIGHT -	CUSTOMER DRAWING / SCALE 3:1 / SHEET 2 OF 2 / REV C1