TE connectivity

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Information Specialist

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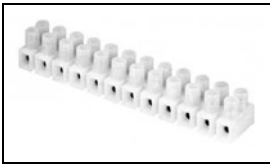# 1776293-5 Product Details

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1776293-5

TE Internal Number: 1776293-5

✔ Active

📄 View 3D PDF

Europa Terminal Blocks

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- 8.00 mm Centerline
- Number of Circuits = 5
- Wire Range = 0.12-3.00; [26-12] mm [AWG]
- With Wire Protection
- Integrated Fuse = Without

View all Features

Add to My Part List   Request Sample   Find Similar Products   Buy Product

Quick Links
- ▶ Pricing & Availability
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- ▶ Product Feature Selector
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Documentation & Additional Information

Product Drawings:
- EUROPA TERMINAL BLOCK W/WIRE PROTECTOR MOUNTING HOLE... (PDF, English)

Catalog Pages/Data Sheets:
- BUCHANAN TERMINAL BLOCKS CATALOG - EUROPA TERMINAL B... (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version O1)
- 3D Model (IGES, Version O1)
- 3D Model (STEP, Version O1)

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

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

Product Type Features:
- Integrated Fuse = Without
- Series = TSB230
- Color = Natural
- Screw Size = M3 Screw
- UL File Number = E60677

Electrical Characteristics:
- Current Rating (A) = 30
- Voltage Rating (VAC) = 250
- Wire Protector Material = Stainless Steel

Body Features:
- Wire Range (mm [AWG]) = 0.12-3.00; [26-12]
- Wire Protection = With
- Ground = Without
- Screw Material = Steel
- Screw Plating = Zinc Chromate

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

Housing Features:
- Centerline (mm [in]) = 8.00 [0.315]
- Housing Material = Polyamide - GF
- UL Flammability Rating = UL 94V-2

Configuration Features:
- Number of Circuits = 5

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:
- Temperature Range (°C) = 105

Other:
- Brand = TE Connectivity

**Corporate Information**

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Product Cross Reference

Documents & Drawings

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THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION   –,– .
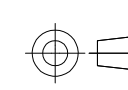
LOC	DIST			
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
P		REVISED PER ECO-11-004587	11MAR11	RK	HMR
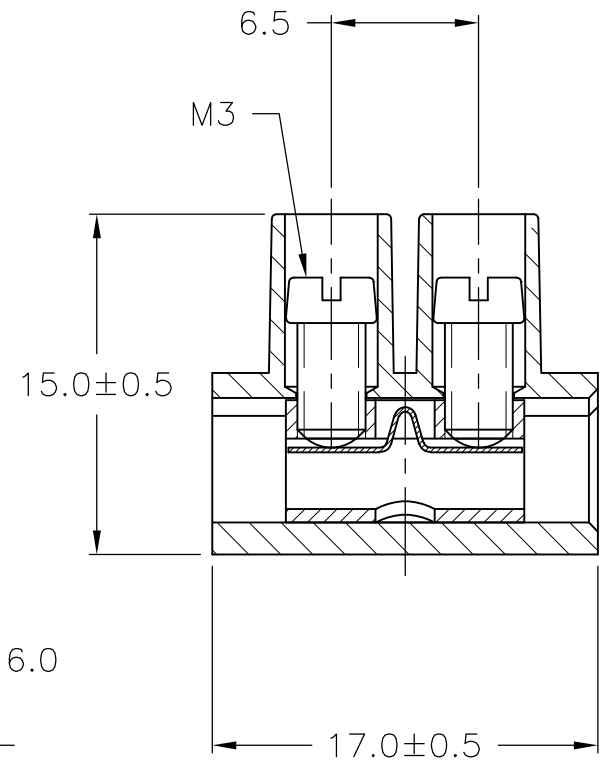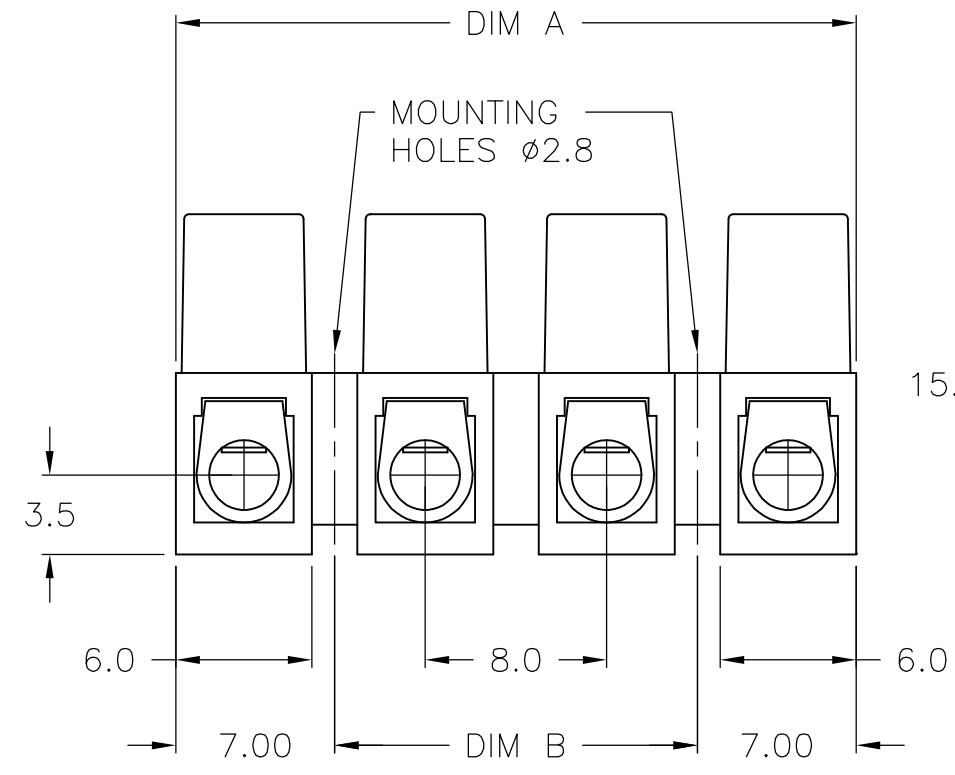
MATERIAL:
 HOUSING: POLYMIDE 6 UL94V-2.
 COLOR: NATURAL (OFF WHITE)
 TUBULAR CONTACT: BRASS TIN PLATED.
 SCREW: STEEL M3 ZINC W/ NON-HEXAVALENT
   CHROMATE (CHROME III).
 WIRE PROTECTOR: STAINLESS STEEL

ELECTRICAL:
 UL/CSA
 CURRENT RATING: 30A, 250V.
 WIRE RANGE: 12-22 AWG.
 VDE
 CURRENT RATING:
   TO EN60 598: 16A
   TO EN60 998: 24A
 CONDUCTOR SIZE: UP TO 1.5 mm²

DIM A

MOUNTING HOLES ⌀2.8

6.5

M3

15.0±0.5

3.5

6.0   8.0   6.0

7.00   DIM B   7.00

17.0±0.5

DIM B	DIM A	NO POSN	CATALOG NUMBER	PART NUMBER
80.0	94.0±1.0	12	TSB23012DS	1-1776293-2
72.0	86.0±0.7	11	TSB23011DS	1-1776293-1
64.0	78.0±0.7	10	TSB23010DS	1-1776293-0
56.0	70.0±0.7	9	TSB23009DS	1776293-9
48.0	62.0±0.7	8	TSB23008DS	1776293-8
40.0	54.0±0.7	7	TSB23007DS	1776293-7
32.0	46.0±0.7	6	TSB23006DS	1776293-6
24.0	38.0±0.5	5	TSB23005DS	1776293-5
16.0	30.0±0.5	4	TSB23004DS	1776293-4
8.0	22.0±0.5	3	TSB23003DS	1776293-3
–	14.0±0.5	2	TSB23002DS	1776293-2
–	6.0±0.3	1	TSB23001DS	1776293-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	S SCHLEGEL 3/18/05
CHK	C RICHARD 3/18/05
APVD	C RICHARD 3/18/05
PRODUCT SPEC	—
APPLICATION SPEC	—
WEIGHT	—

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC   ± –
1 PLC   ± .3
2 PLC   ± .25
3 PLC   ± –
4 PLC   ± –
ANGLES   ±2

MATERIAL –   FINISH –

TE TE Connectivity

NAME
EUROPA TERMINAL BLOCK W/WIRE PROTECTOR
MOUNTING HOLES 2.8 DIA., 8.0mm PITCH
—

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1776293	—

CUSTOMER DRAWING

SCALE NTS   SHEET 1 OF 1   REV P