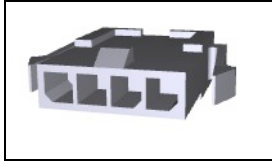**TE** connectivity

**English** (Change)

**Have a Question?**
Chat with a Product
Information Specialist

What can we help you find?

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# 1445048-4 Product Details

➕ **Share**    🖨 **Print**    ✉ **Email**

**1445048-4**

TE Internal Number: 1445048-4

✅ Active

📄 View 3D PDF

### 3mm Centerline, 250V, 5 A max.

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

**Product Highlights:**
- Wire-to-Wire, Wire-to-Panel
- Applies To Panel, Applies To Wire/Cable
- Connector
- Housing
- Connector Style = Plug

View all Features

**Quick Links**
- ▷ Pricing & Availability
- ▷ Search for Tooling
- ▷ View Mating Products (1)
- ▷ Product Feature Selector
- ▷ Contact Us About This Product

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

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## Documentation & Additional Information

**Product Drawings:**
- PLUG HOUSING, 2 TO 12 POSITION SINGLE ROW, PANEL MOU... (PDF, English)

**Catalog Pages/Data Sheets:**
- 1773458-4_MICRO_MATE_N_LOK_CONNECTOR_SYSTEM_QRG (PDF, English)
- SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG (PDF, English)

**Product Specifications:**
- None Available

**Application Specifications:**
- Micro MATE-N-LOK 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
- Mating Products (1)

List all Documents

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

**Product Type Features:**
- Product Type = Connector
- Connector Type = Housing
- Strain Relief = Without
- UL File Number = E28476
- CSA File Number = LR 7189

**Mechanical Attachment:**
- Panel Mount Retention = With
- Mating Retention Type = Locking Tab
- Panel Mount Retention Type = Locking Latch

**Electrical Characteristics:**
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 250
- Operating Voltage (VDC) = 250

**Dimensions:**
- Panel Thickness (mm [in]) = 1.57 – 2.30 [0.062 – 0.091]

**Body Features:**
- Mating Retention = With

**Contact Features:**
- Contact Type = Pin
- Contact Layout = In-Line

**Configuration Features:**
- Number of Positions = 4
- Number of Rows = 1

**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
- VDE Tested = Yes
- Agency/Standard = UL, CSA
- UL Rating = Recognized
- CSA Rating = Certified

**Environmental:**
- Operating Temperature (°C [°F]) = -40 – +105 [-40 – +221]

**Conditions for Usage:**
- Applies To = Panel, Wire/Cable

**Operation/Application:**
- Application Use = Wire-to-Wire, Wire-to-Panel

**Packaging Features:**
- Packaging Method = Bag
- Packaging Quantity = 1,000

**Housing Features:**
- Connector Style = Plug
- Housing Color = Black
- Housing Material = Nylon 66/6
- Centerline (mm [in]) = 3.00 [0.118]
- Mating Alignment = With
- Mating Alignment Type = Polarization
- UL Flammability Rating = UL 94V-0
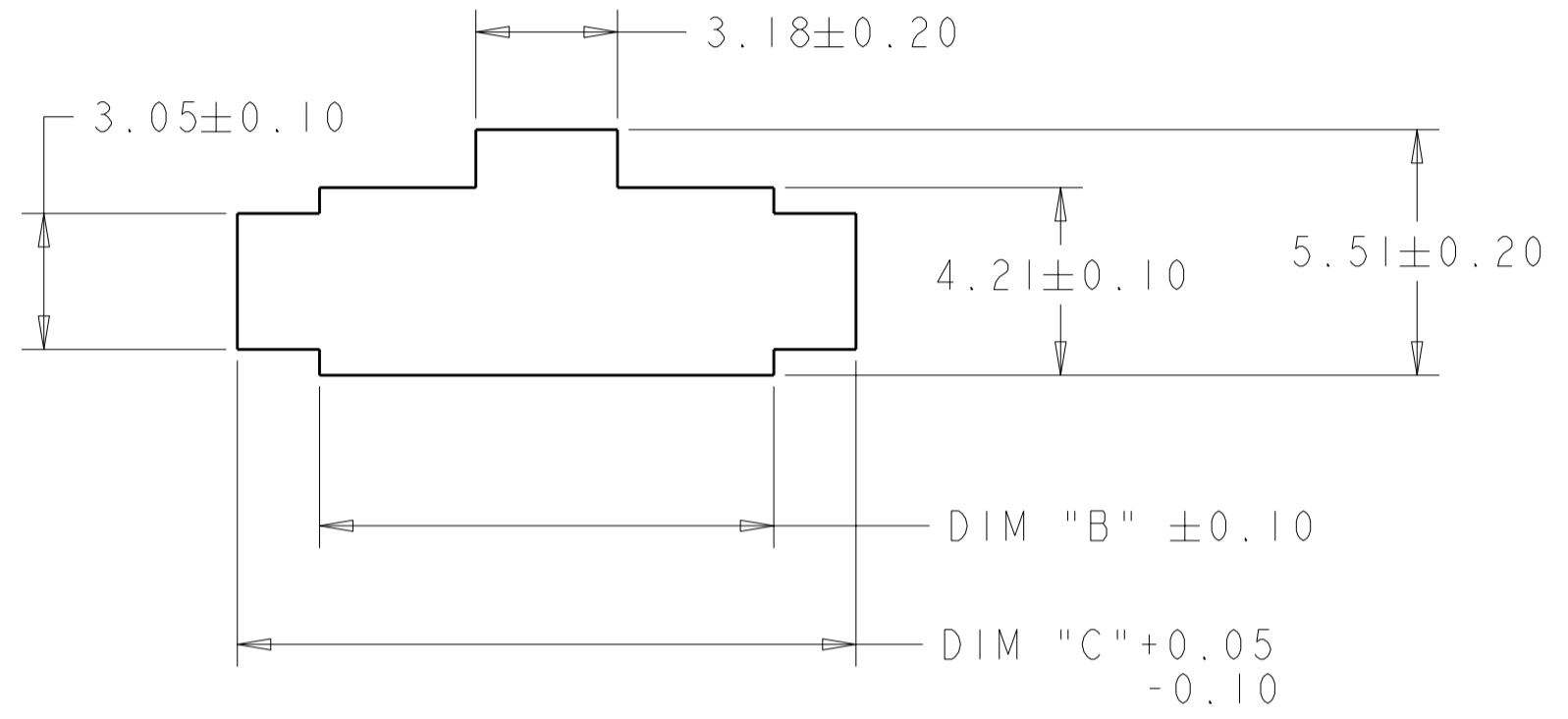
**Other:**
- Brand = AMP

### Corporate Information

About TE

Investors

News Room

Supplier Portal

Careers

Terms & Conditions

Privacy Policy

### Quick Links

Distributor Inventory

Product Cross Reference

Documents & Drawings

Product Compliance Support Center

Site Map

### Customer Support

Email or Chat With Us

Find a Phone Number

Knowledge Base

Manage Your Account

### Keep Me Informed

Provide Website Feedback

LOC CM | DIST 00

**REVISIONS**

| | P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|---|
| | | P | REVISED PER ECO-11-005294 | 06APR2011 | RK | HMR |

3.18±0.20

3.05±0.10

4.21±0.10    5.51±0.20

DIM "B" ±0.10

DIM "C" +0.05 -0.10

PANEL CUT-OUT ⚠

SCALE 5:1

3.00 REF

3.86

DIM "A"

8.50

16.89 REF

⚠ RECOMMENDED PANEL THICKNESS 1.57-2.3.

2. PANEL MUST BE PUNCHED SO THAT HOUSING
   ENTERS THE PANEL IN THE SAME DIRECTION
   AS THE PUNCH.
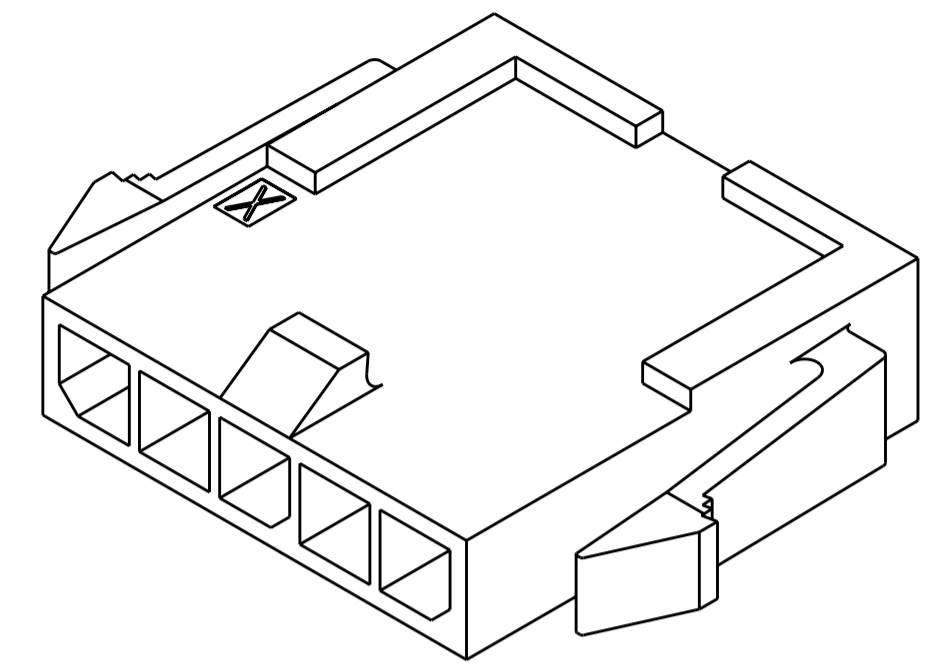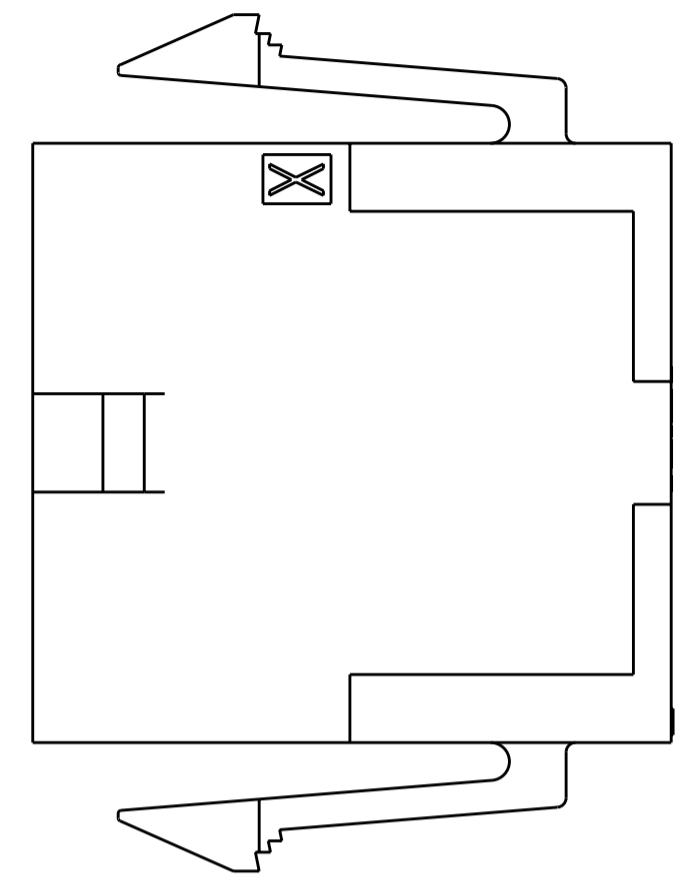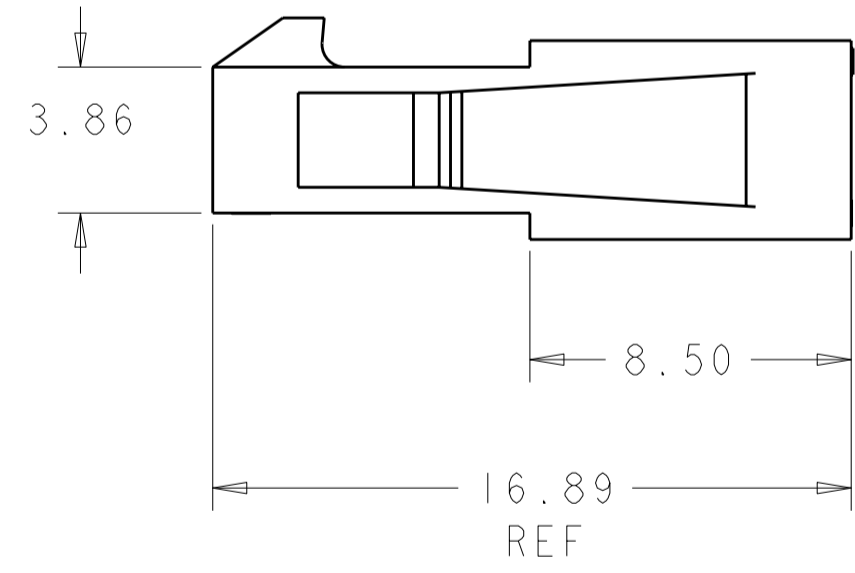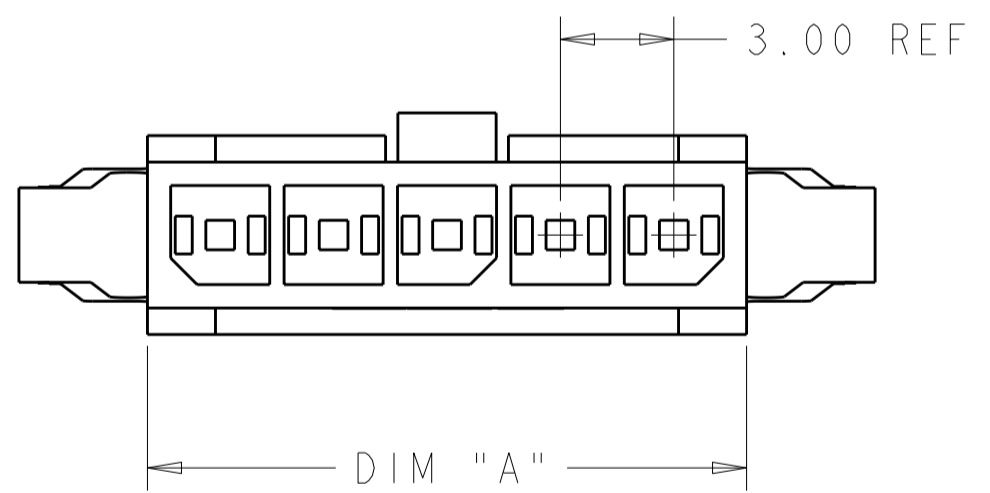
| DIM C | DIM B | DIM A | NO. OF POS. | PART NUMBER |
|---|---|---|---|---|
| 40.88 | 37.20 | 36.85 | 12 | 1-1445048-2 |
| 37.88 | 34.20 | 33.85 | 11 | 1-1445048-1 |
| 34.88 | 31.20 | 30.85 | 10 | 1-1445048-0 |
| 31.88 | 28.20 | 27.85 | 9 | 1445048-9 |
| 28.88 | 25.20 | 24.85 | 8 | 1445048-8 |
| 25.88 | 22.20 | 21.85 | 7 | 1445048-7 |
| 22.88 | 19.20 | 18.85 | 6 | 1445048-6 |
| 19.88 | 16.20 | 15.85 | 5 | 1445048-5 |
| 16.88 | 13.20 | 12.85 | 4 | 1445048-4 |
| 13.88 | 10.20 | 9.85 | 3 | 1445048-3 |
| 10.88 | 7.20 | 6.85 | 2 | 1445048-2 |

METRIC

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL
NYLON, UL94V-0
BLACK
FINISH

DWN W J RUDY 29AUG2000
CHK W DAVIS 29AUG2000
APVD W DAVIS 29AUG2000
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME
PLUG HOUSING, 2 TO 12 POSITION
SINGLE ROW, PANEL MOUNT
MICRO MATE-N-LOK ™

SIZE A2 | CAGE CODE 00779 | DRAWING NO C-1445048 | RESTRICTED TO -

CUSTOMER DRAWING

SCALE 6:1 | SHEET 1 OF 1 | REV P