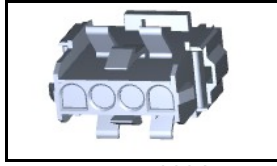# 770026-1 Product Details

770026-1

TE Internal Number: 770026-1

✔ Active

.250" Centerline, 600 V, 19 - 36 A max

🌿 Always EU RoHS/ELV Compliant

(Statement of Compliance)

Product Highlights:
- Universal MATE-N-LOK II Product Line
- Wire-to-Panel / Wire-to-Wire
- Applies To Panel, Applies To Wire/Cable
- Connector
- Housing Kit

Documentation & Additional Information

Product Drawings:
- 4 CIRCUIT, IN-LINE,UNIVERSAL MATE-N-LOKCAP HOUSING KIT, (PDF, English)

Catalog Pages/Data Sheets:
- SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY (PDF, English)

Product Specifications:
- Connector, Universal MATE-N-LOK II (PDF, English)
- Circular Multi-Pin Connector (PDF, English)

Application Specifications:
- Universal MATE-N-LOK II Connectors (PDF, English)

Instruction Sheets:
- Universal MATE-N-LOK Connectors (PDF, English)

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

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (5)
- Contacts (62)

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

Product Type Features:
- Product Line = Universal MATE-N-LOK II
- Product Type = Connector
- Connector Type = Housing Kit
- Strain Relief = With
- Sealed = No
- UL File Number = E28476
- CSA File Number = LR 7189

Mechanical Attachment:
- Contact Retention = Without
- Mating Retention Type = Locking Tab
- Panel Mount Retention = With
- Panel Mount Retention Type = Latch(es)

Electrical Characteristics:
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 600

Dimensions:
- Panel Thickness (mm [in]) = 0.76 – 2.29 [0.030 – 0.090]

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

Industry Standards:
- Agency/Standard = CSA, UL
- 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
- UL Rating = Recognized
- CSA Rating = Certified

Environmental:
- Operating Temperature (°C [°F]) = -55 – +105 [-67 – +221]

Conditions for Usage:
- Applies To = Panel, Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire
- For Use With = Standard Universal MATE-N-LOK

Body Features:
- Mating Retention = With
- Assembly Integration Feature = Without

Contact Features:
- Contact Type = Pin or Socket
- Contact Layout = In-Line
- Multiple Contact Types = Without

Housing Features:
- Connector Style = Receptacle
- Centerline (mm [in]) = 6.35 [0.2499]
- Housing Material = Nylon
- Housing Color = White
- UL Flammability Rating = UL 94V-0
- Mating Alignment = With
- Mating Alignment Type = Polarization

- For Use With = Standard Universal MATE-N-LOK Connectors

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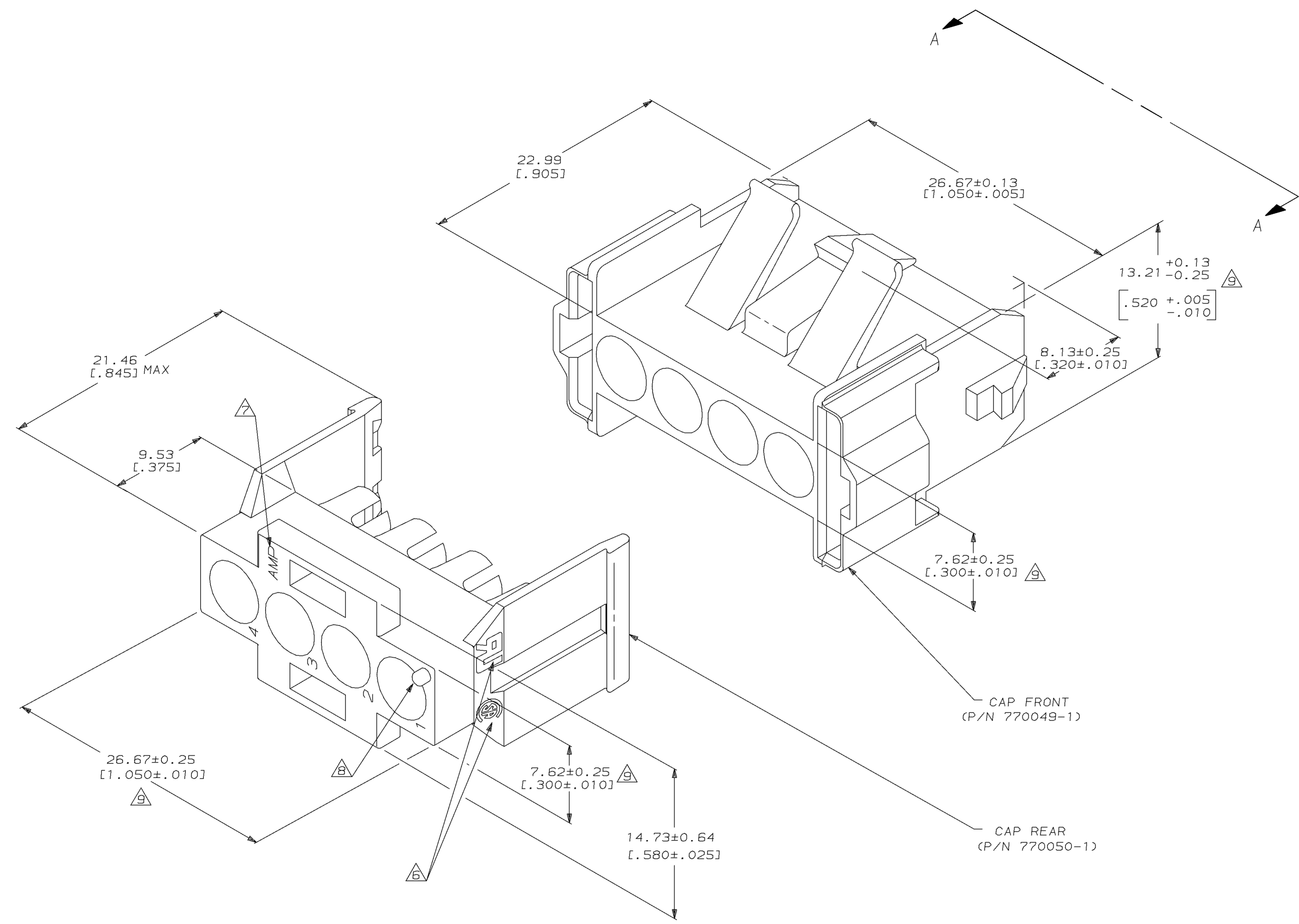- Application Use = Wire-to-Panel / Wire-to-Wire

Packaging Features:
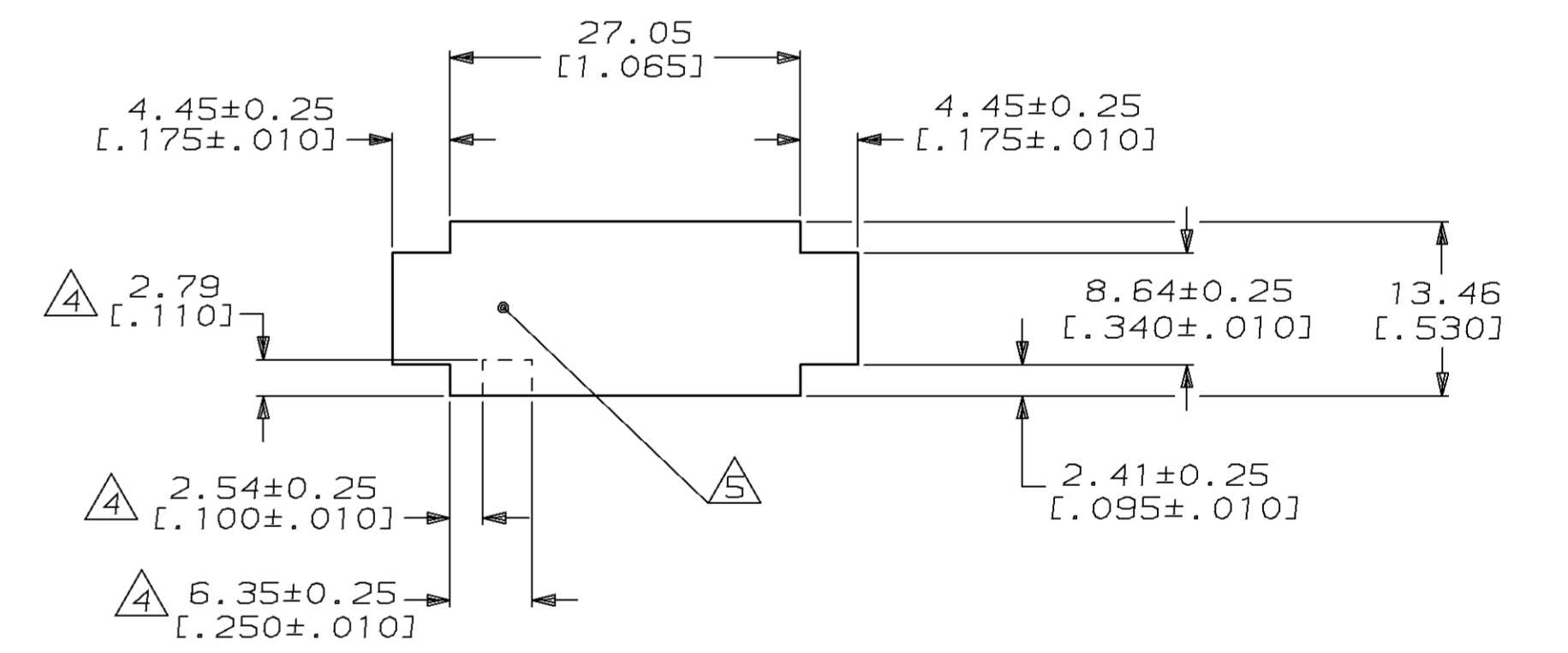- Packaging Method = Package
- Packaging Quantity = 1
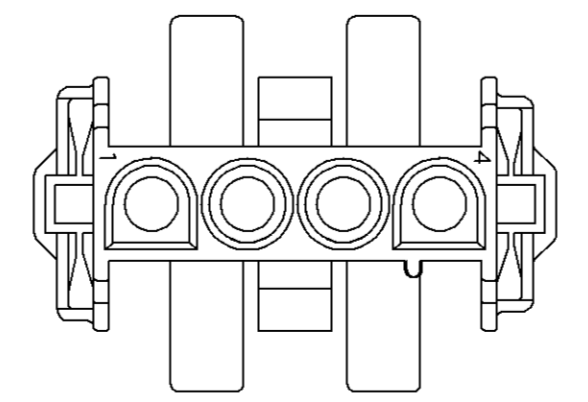
Other:
- Brand = AMP

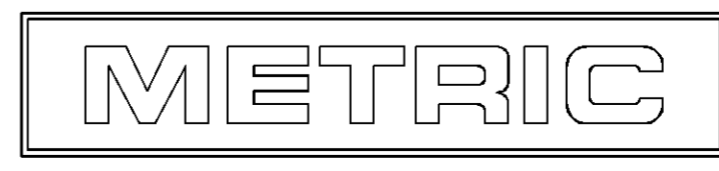| LOC	DIST			REVISIONS		
CM	53	P	F	ZONE	LTR	DESCRIPTION	DATE	APPD
					F	REV PER EC 0L30-0034-96	8-30-96	JH RS

A
A

1. BULK PACKAGED, UNASSEMBLED.

2. RECOMMENDED PANEL THICKNESS 0.76-2.29 [.030-.090].

3. PANEL MUST BE PUNCHED SO THAT THE HOUSING ENTERS
   THE PANEL IN THE SAME DIRECTION AS THE PUNCH.

4. OPTIONAL FOR KEYING HOUSING IN PANEL.

5. CIRCUIT NO. 1 LOCATON.

6. APPROVAL AGENCY LOGO LOCATED APPROXIMATELY AS SHOWN.

7. AMP LOGO LOCATED THIS SURFACE.

8. CIRCUIT NUMBER ONE IDENTIFICATION BUTTON AND CIRCUIT
   IDENTIFICATION NUMBERS ARE EACH LOCATED ADJACENT
   TO THE APPROPRIATE CIRCUIT CAVITIES.

9. DIMENSION INDICATED IS AS MOLDED. ADDITIONAL GROWTH
   DUE TO SUBSEQUENT MOISTURE ABSORPTION MAY OCCUR.

22.99
[.905]

26.67±0.13
[1.050±.005]

+0.13
13.21 -0.25 9

.520 +.005
     -.010

8.13±0.25
[.320±.010]

21.46
[.845] MAX

9.53
[.375]

7.62±0.25
[.300±.010] 9

7.62±0.25
[.300±.010] 9

26.67±0.25
[1.050±.010] 9

14.73±0.64
[.580±.025]

CAP FRONT
(P/N 770049-1)

CAP REAR
(P/N 770050-1)

AMP
4
3
2
1

27.05
[1.065]

4.45±0.25
[.175±.010]

4.45±0.25
[.175±.010]

2.79
[.110] 4

8.64±0.25
[.340±.010]

13.46
[.530]

2.54±0.25
[.100±.010] 4

2.41±0.25
[.095±.010]

6.35±0.25
[.250±.010] 4

RECOMMENDED PANEL CUTOUT
(HOUSING ENTRY SIDE)
SCALE 2:1

770026-1	
PART NUMBER	

	PART NO

NAME

AMP | AMP INCORPORATED
Harrisburg, Pa. 17105

CAP HOUSING KIT,
4 CIRCUIT, IN-LINE,
UNIVERSAL MATE-N-LOK ™ II

SIZE	FSCM NO	DRAWING NO	
D	00779	770026	
SCALE 5:1		SHEET 1 OF 1	

VIEW A-A
SCALE 2:1

METRIC

CUSTOMER DRAWING