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213426-1 Product Details

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213426-1

TE Internal Number: 213426-1

✔ Active

📄 View 3D PDF

5mm (.197") Centerline, 600 V, 14 A max. (Metrimate)

🍃 Always EU RoHS/ELV Compliant

(Statement of Compliance)

Product Highlights:

- Metrimate Product Line
- Wire-to-Board / Wire-to-Panel / Wire-to-Wire
- Applies To Panel, Applies To Printed Circuit Board, Applies To Wire/Cable
- Connector
- Housing

View all Features

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Quick Links

- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ Product Feature Selector
- ▶ Contact Us About This Product

Documentation & Additional Information

Product Drawings:
- HOUSING, PLUG, DRAWER CONNECTOR, 15 POSITION METRIMATE (PDF, English)

Catalog Pages/Data Sheets:
- Power Contacts (PDF, English)
- METRIMATE_PIN_SOCKET_CATALOG (PDF, English)

Product Specifications:
- CONNECTOR, POWER DRAWER (PDF, Japanese)

Application Specifications:
- APPLICATION SPECIFICATION, METRIMATE DRAWER CONNECTORS (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version E1)
- 3D Model (IGES, Version E1)
- 3D Model (STEP, Version E1)

List all Documents

Additional Information:
- Product Line Information

Related Products:
- Tooling

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

Product Type Features:
- Product Line = Metrimate
- Product Type = Connector
- Connector Type = Housing
- Wire/Cable Type = Discrete Wire
- Termination Method to Wire/Cable = Crimp, Solder
- UL File Number = E28476

Mechanical Attachment:
- Panel Mount Retention = With
- Panel Mount Retention Type = Screw Mount

Electrical Characteristics:

Configuration Features:
- Connector Configuration = Drawer
- Number of Positions = 15
- Number of Rows = 5

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

- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 600
- Operating Voltage (VDC) = 600

Dimensions:
- Panel Thickness (mm [in]) = 0.80 – 2.30 [0.031 – 0.091]

Body Features:
- Wire Type = Stranded
- Drawer Style = Power
- Row-to-Row Spacing (mm [in]) = 4.39 [0.173]

Contact Features:
- Contact Type = Socket

Housing Features:
- Connector Style = Plug
- Housing Material = Polyester
- Housing Color = Black
- Mating Alignment = With
- Mating Alignment Type = Blindmate
- Centerline (mm [in]) = 5.08 [0.200]
- UL Flammability Rating = UL 94V-0

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

Environmental:
- Operating Temperature (°C [°F]) = -55 – +130 [-67 – +266]

Conditions for Usage:
- Applies To = Panel, Printed Circuit Board, Wire/Cable
- For Use With = Receptacle Housing

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

Packaging Features:
- Packaging Method = Package
- Packaging Quantity = 1

Other:
- Brand = AMP

LOC	DIST	REVISIONS			
FT	O	P	LTR	DESCRIPTION	DATE	DWN	APVD
		E1	REVISED PER ECO-07-012824	6/4/07	SS	GS

NOTES:

1. THIS PLUG HOUSING MATES WITH RECEPTACLE HOUSING PART NUMBER 213427-1.

2. FOR MOUNTING SCREW INFORMATION SEE DRAWING 208211.

3. THIS HOUSING ACCEPTS (3) POWER SIZE 8 COAXIL SIZE 8 SOCKET CONTACTS AND (12) TYPE II SIZE 16, TYPE III+ SIZE 16, TYPE VI SIZE 16, TYPE X SIZE 16, SUBMINATURE COAXICON OR OPTIMATE FIBER OPTIC SOCKET CONTACTS.

1.208±.015

ø.380±.005

.340±.005

2.162±.015

.100±.005 TYP

.133±.005 TYP

.173±.005 TYP

1.610±.020 2 PLC

1.025 2 PLC

.500±.015

.445±.005

RAISED CIRCUIT CAVITY IDENTIFICATION CHARACTERS

CORED AREA

AMP

213426-1

RAISED AMP PART NUMBER

CORED AREA

1.452±.015

.090±.015 2 PLC

.867±.015 2 PLC

ø.161±.002 2 PLC

.626±.015

.251±.005

1.150±.015

2.403±.015

1.652±.005

R.094 TYP

.702±.005

.375±.005
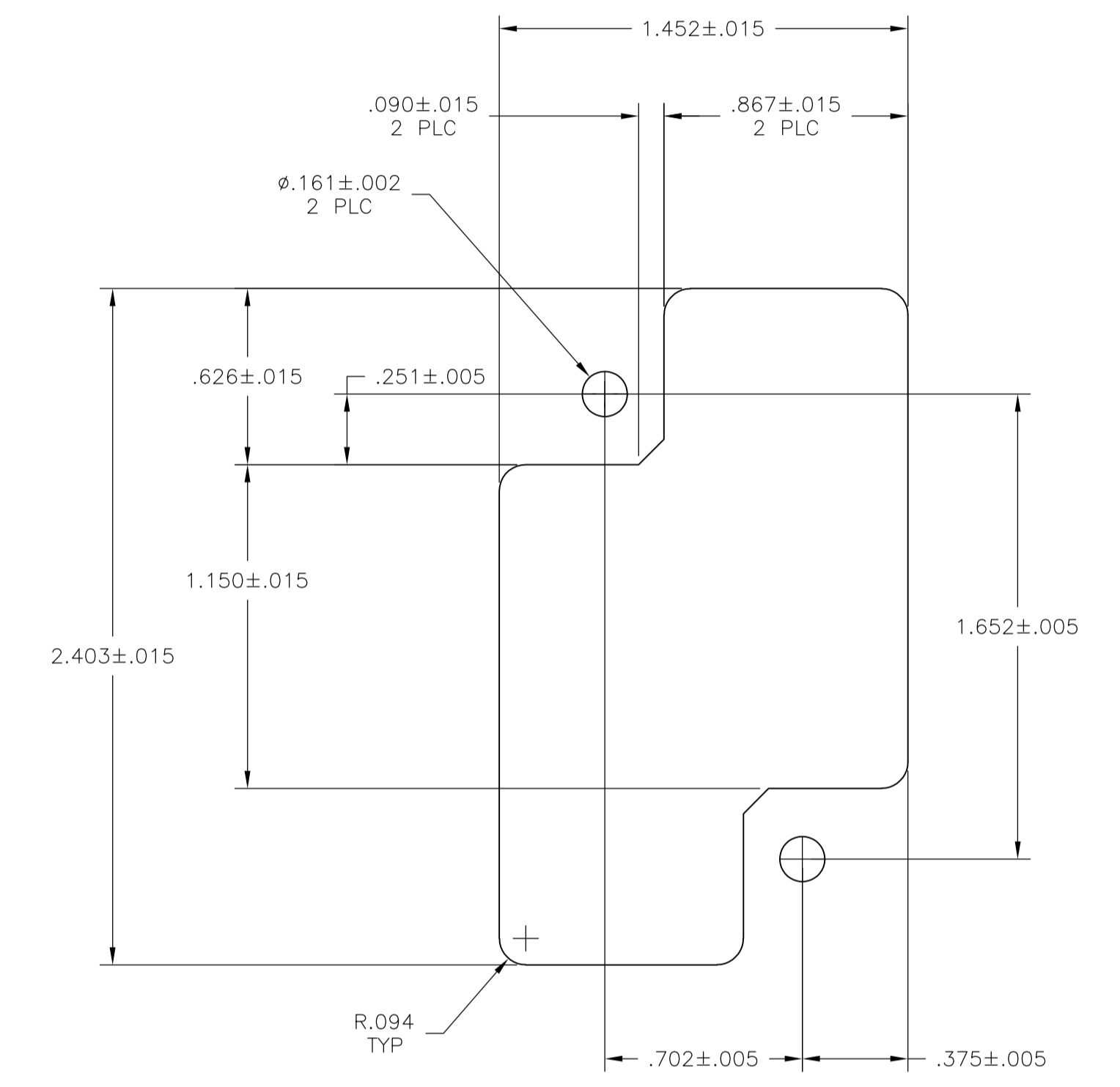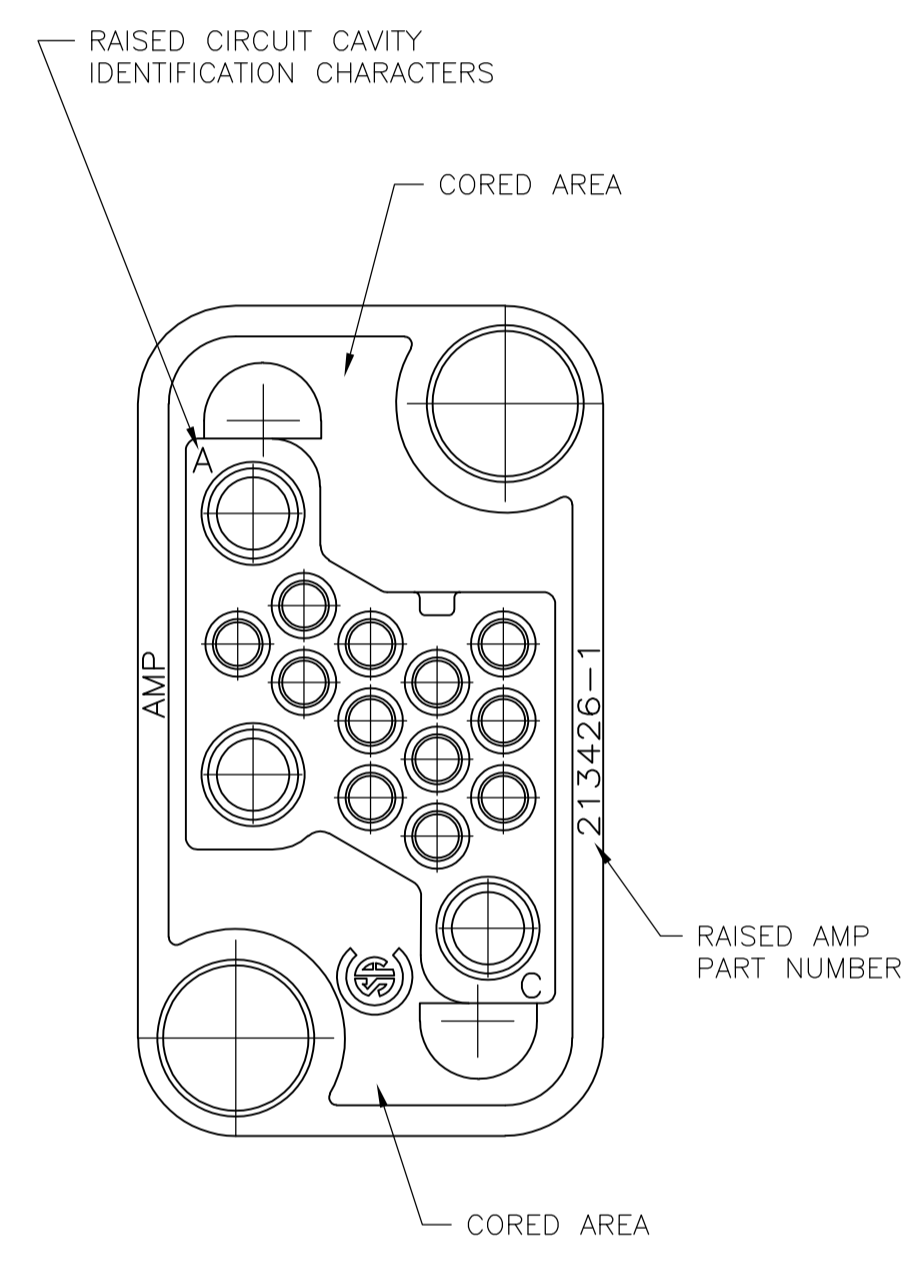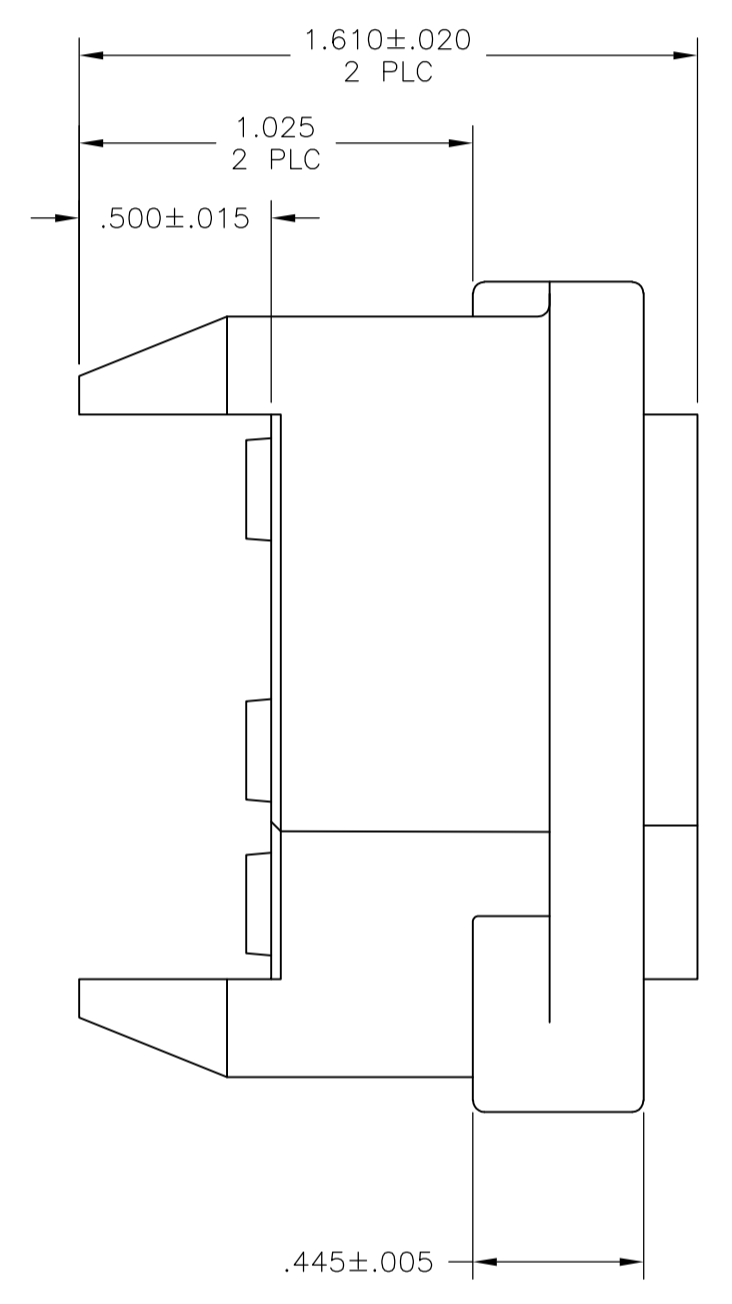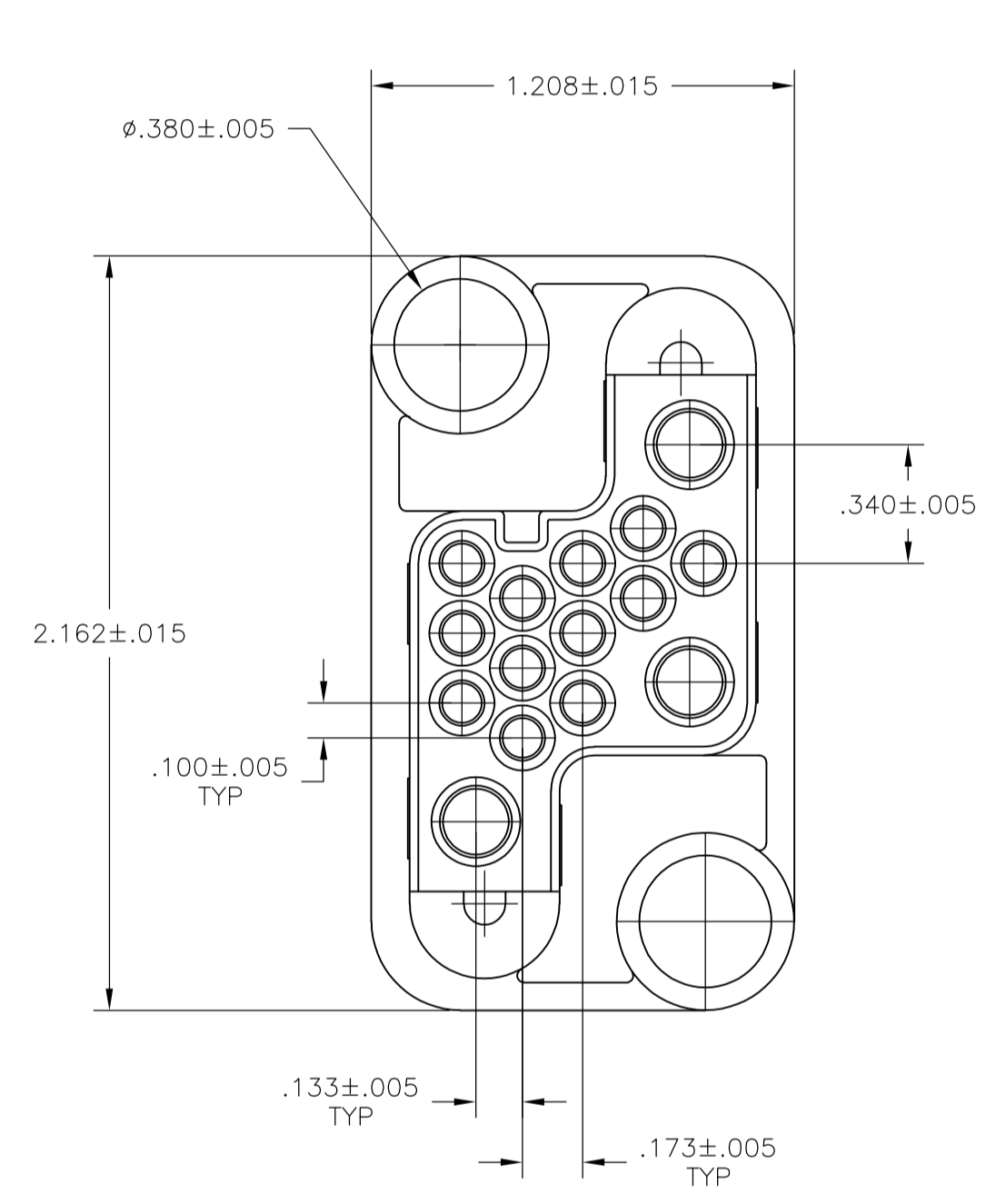
RECOMMENDED PANEL CUTOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± –
	1 PLC ± –
	2 PLC ± .010
	3 PLC ± –
	4 PLC ± –
	ANGLES ± 0°30'

DWN	S SCHLEGEL	2/6/03
CHK	G STEINHAUER	2/6/03
APVD	G STEINHAUER	2/6/03

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
HOUSING, PLUG, DRAWER CONNECTOR, 15 POSITION METRIMATE

PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

MATERIAL POLYESTER, BLACK
FINISH –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-213426	–

SCALE 2:1   SHEET 1 OF 1   REV E1

CUSTOMER DRAWING