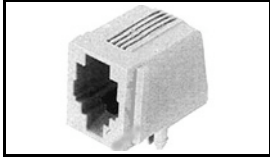


5520249-2 Product Details

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5520249-2

TE Internal Number: 5520249-2

 **Active**

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PCB Mounted Jacks - Single Port, Multi-port and Stacked

 Always EU RoHS/ELV Compliant
(Statement of Compliance)

Product Highlights:

- Connector
- Preloaded
- Single Port Configuration
- 1 x 1 Jack Configuration
- Jack Type = RJ22

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [PRINTED CIRCUIT BOARD MODULAR JACK ASSEMBLY, SIDE EN...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [1-1773464-9_MODULAR JACKS_SINGLE_PORT_PCB_MOUNT](#) (PDF, English)
- [82066 - Modular Jacks and MRJ21 Product catalog - Si...](#) (PDF, English)

Product Specifications:

- [Modular Plugs, Thru-Hole and Surface Mount Jacks, Da...](#) (PDF, English)

Application Specifications:

- [Modular Jacks](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version D)
- [3D Model](#) (IGES, Version D)
- [3D Model](#) (STEP, Version D)

[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 Type = Connector
- Jack Type = RJ22
- PCB Mounting Orientation = Side Entry (Right Angle)
- PCB Mount Style = Through Hole
- Termination Method to PC Board = Solder
- Performance Category = Cat 3
- LED = Without
- Grounding Options = Without
- Panel Stops = With
- Keyed = No
- Profile = Standard

Body Features:

- Inverted Jack Face = No

Contact Features:

- Contact Plating, Mating Area, Material = Gold (50)
- Contact Base Material = Phosphor Bronze

Housing Features:

- Housing Material = PBT - GF
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Preloaded = Yes

- [Color](#) = Black
- [Latch Style](#) = Standard

Mechanical Attachment:

- [Panel Mount Retention](#) = With
- [Flanged](#) = No

Electrical Characteristics:

- [Shielded](#) = No

Termination Features:

- [Solder Tail Contact Plating](#) = Tin over Nickel

Dimensions:

- [Height \(mm \[in\]\)](#) = 16.20 [0.638]
- [PCB Tail Length \(mm \[in\]\)](#) = 3.80 [0.150]
- [PCB Thickness, Recommended \(mm \[in\]\)](#) = 1.57 [0.062]

- [Port Configuration](#) = Single
- [Jack Configuration](#) = 1 x 1
- [Number of Positions](#) = 4
- [Number of Contacts Loaded](#) = 4

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

Packaging Features:

- [Packaging Method](#) = Tray

Product Availability:

- [Region](#) = Asia, North America

Other:

- [Brand](#) = AMP

Corporate Information

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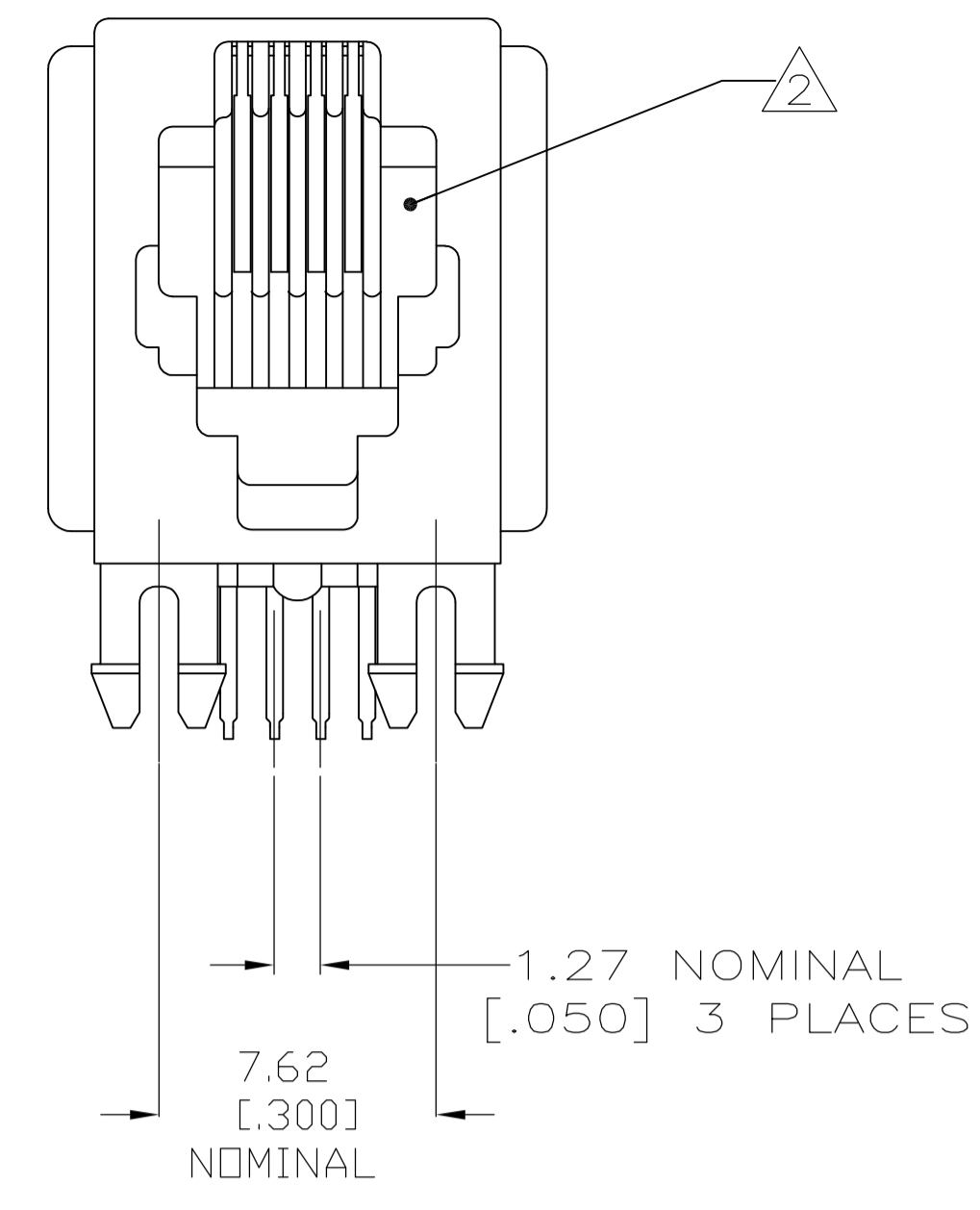
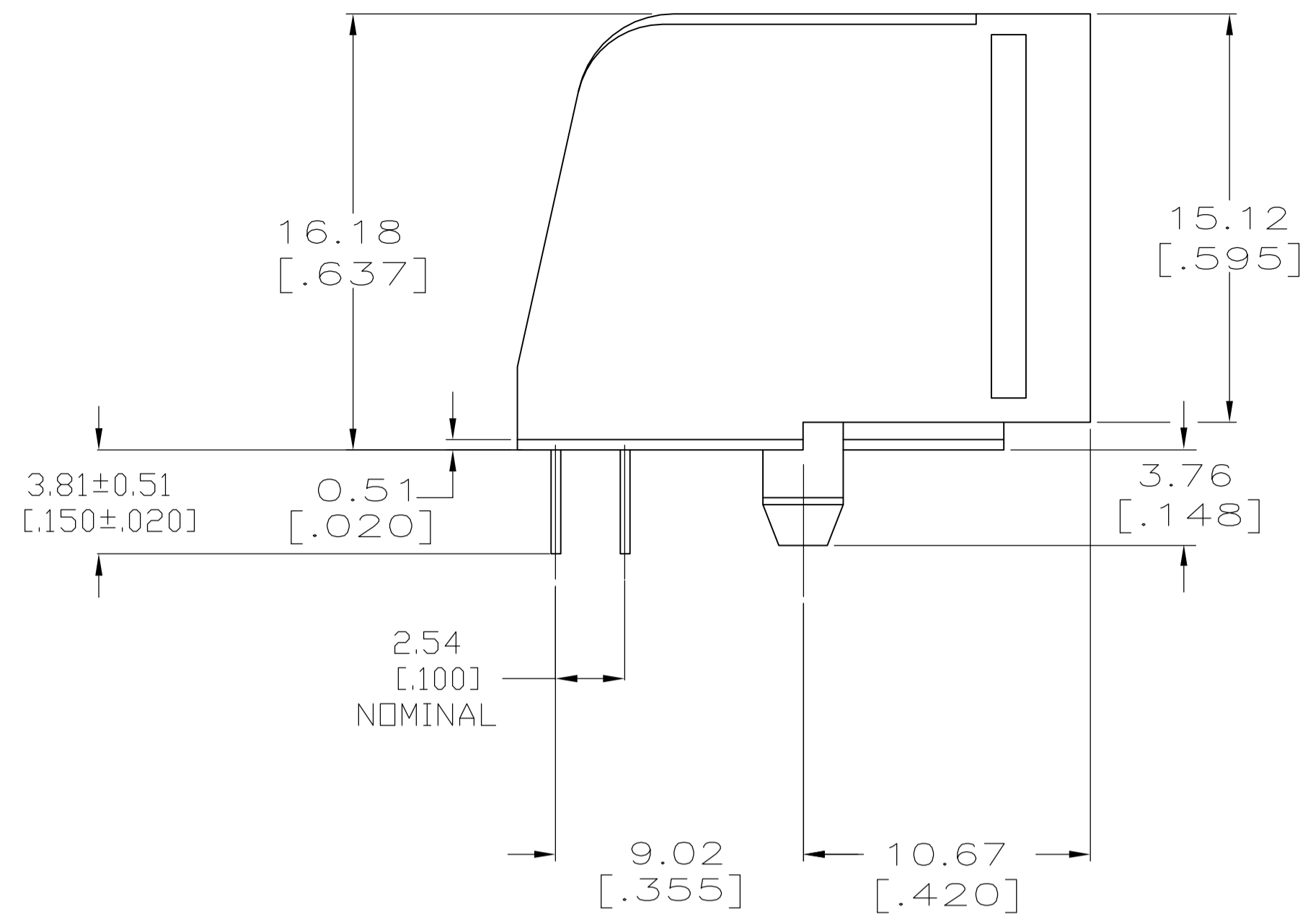
- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

Customer Support

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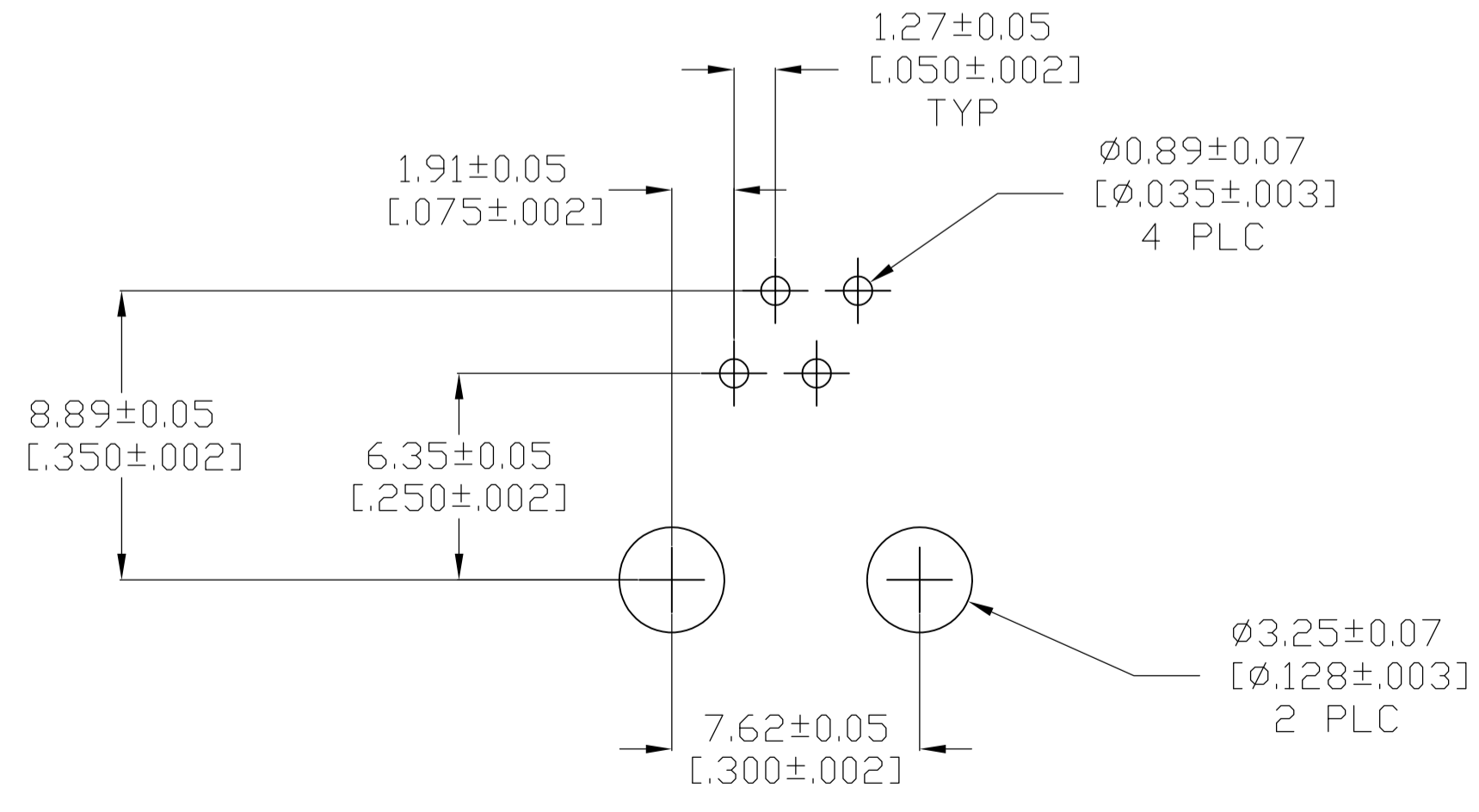
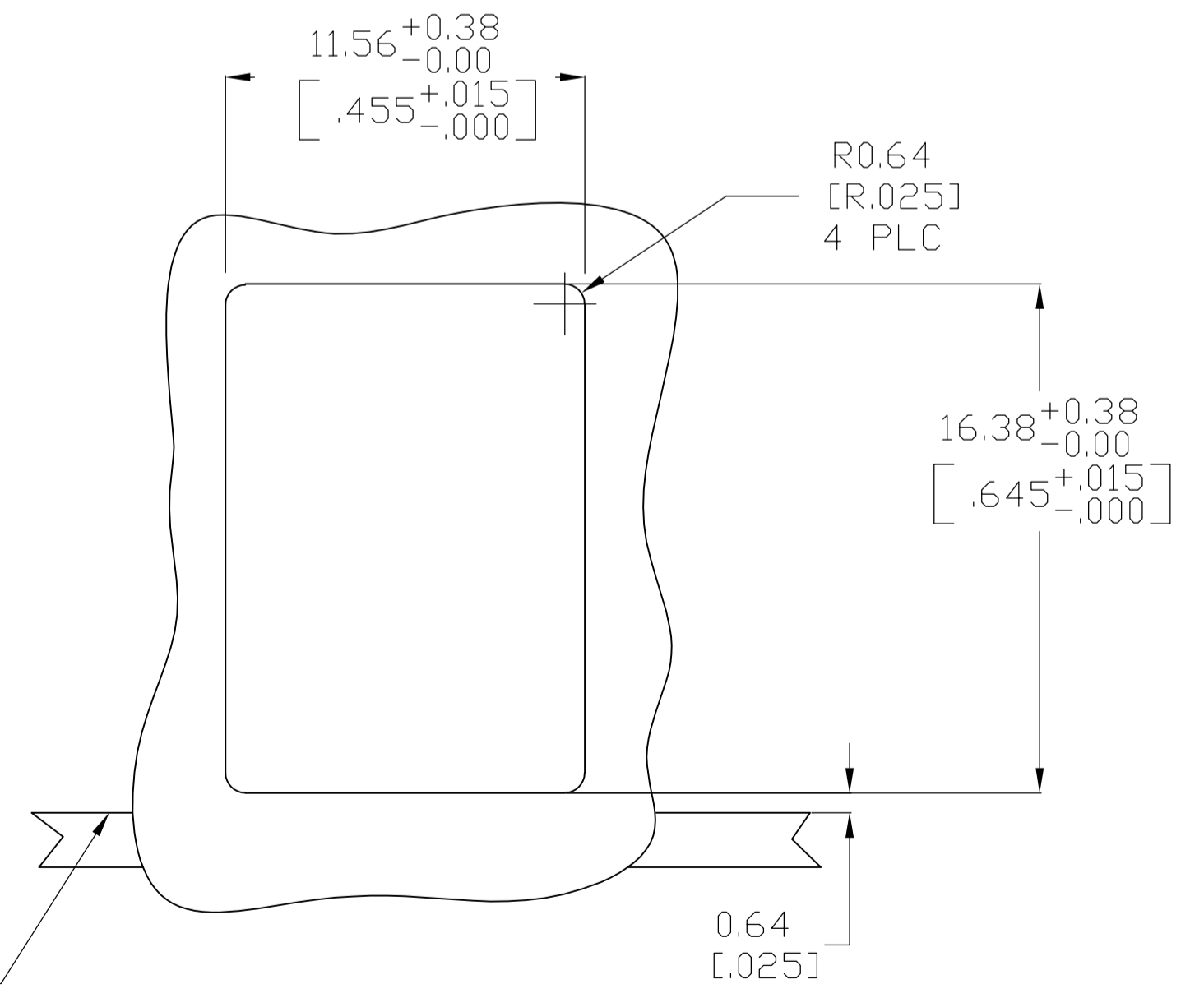
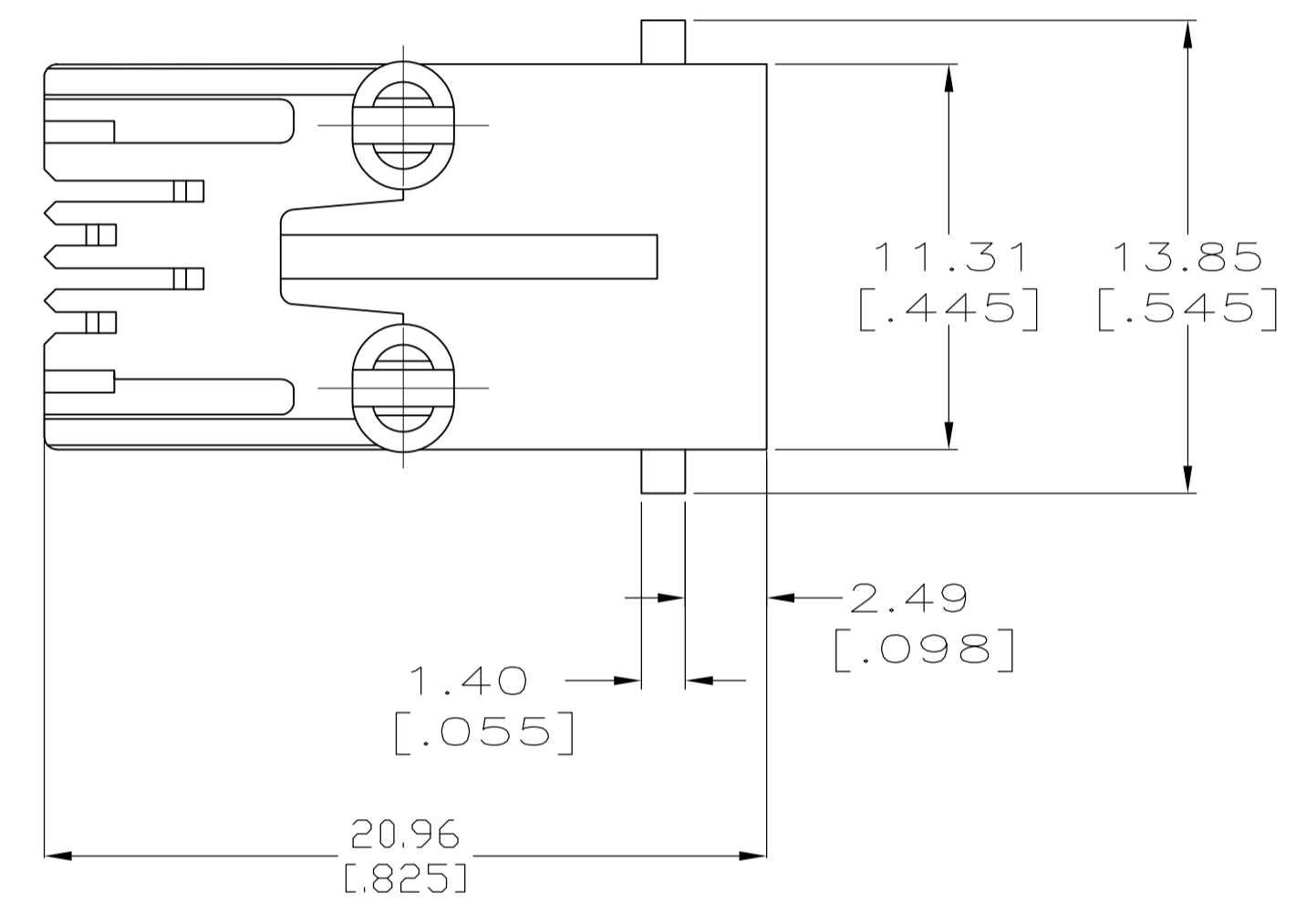


- MATERIAL:
HOUSING - POLYESTER, UL-94-V0, COLOR: BLACK
TERMINAL - 0.36[.014] THICK PHOS BRONZE PLATED WITH (SEE TABLE) MIN HARD GOLD IN LOCALIZED GOLD PLATE AREA AND 3.81µm[.000150] MIN THICK MATTE TIN IN SOLDER AREA OVER 1.27µm[.000050] MIN THICK NICKEL UNDERPLATE

2 CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 AND REA BULLETIN 345-81 PE 76 SPECIFICATION FOR MODULAR TELEPHONE HARDWARE.

3. DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

4 0.15µm[.000006] GOLD PLATED PARTS DO NOT MEET THE MINIMUM GOLD THICKNESS REQUIREMENT OF FCC SPECIFICATION, PART 68. PARTS HAVE NOT BEEN TESTED TO THE DURABILITY REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-1163

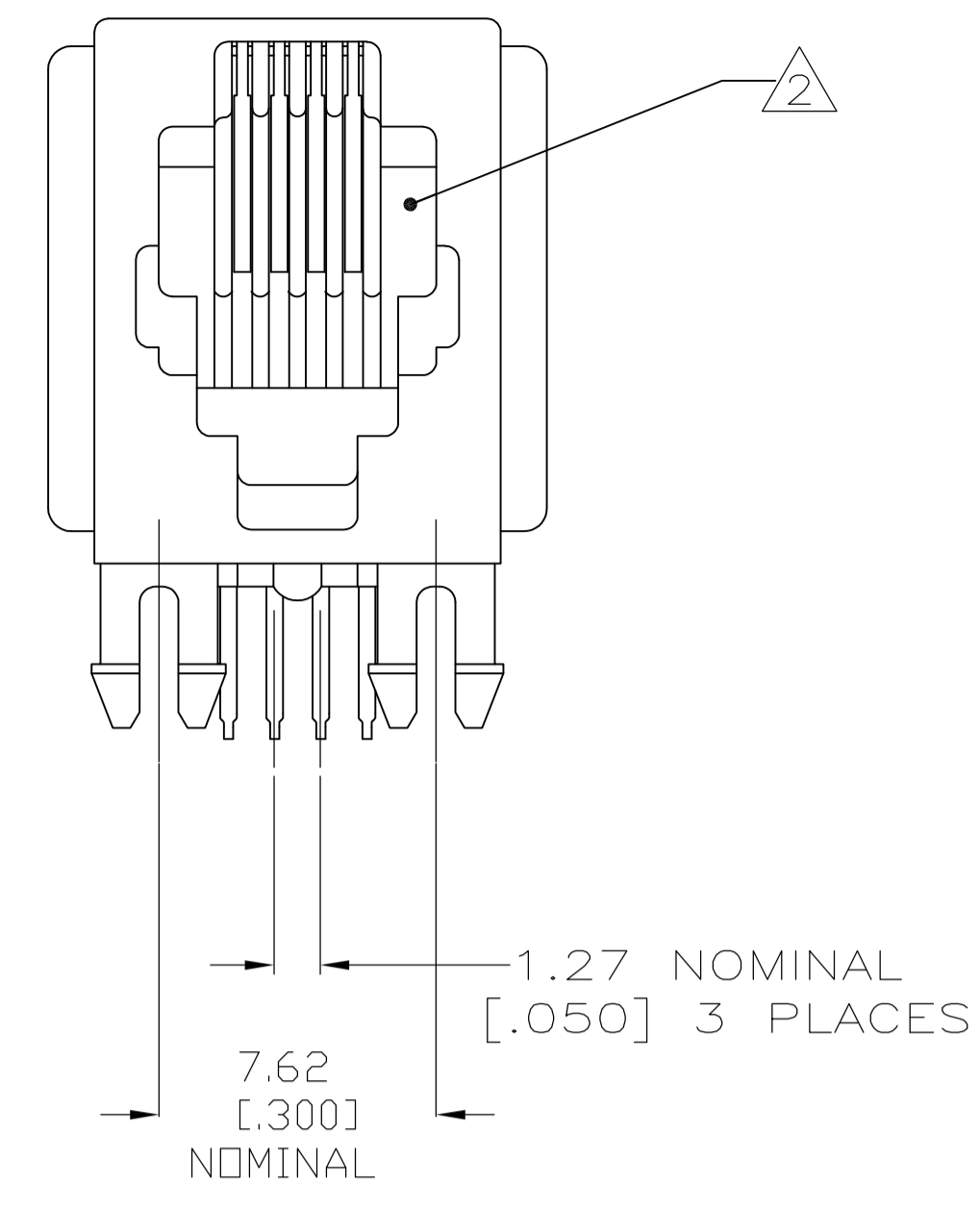
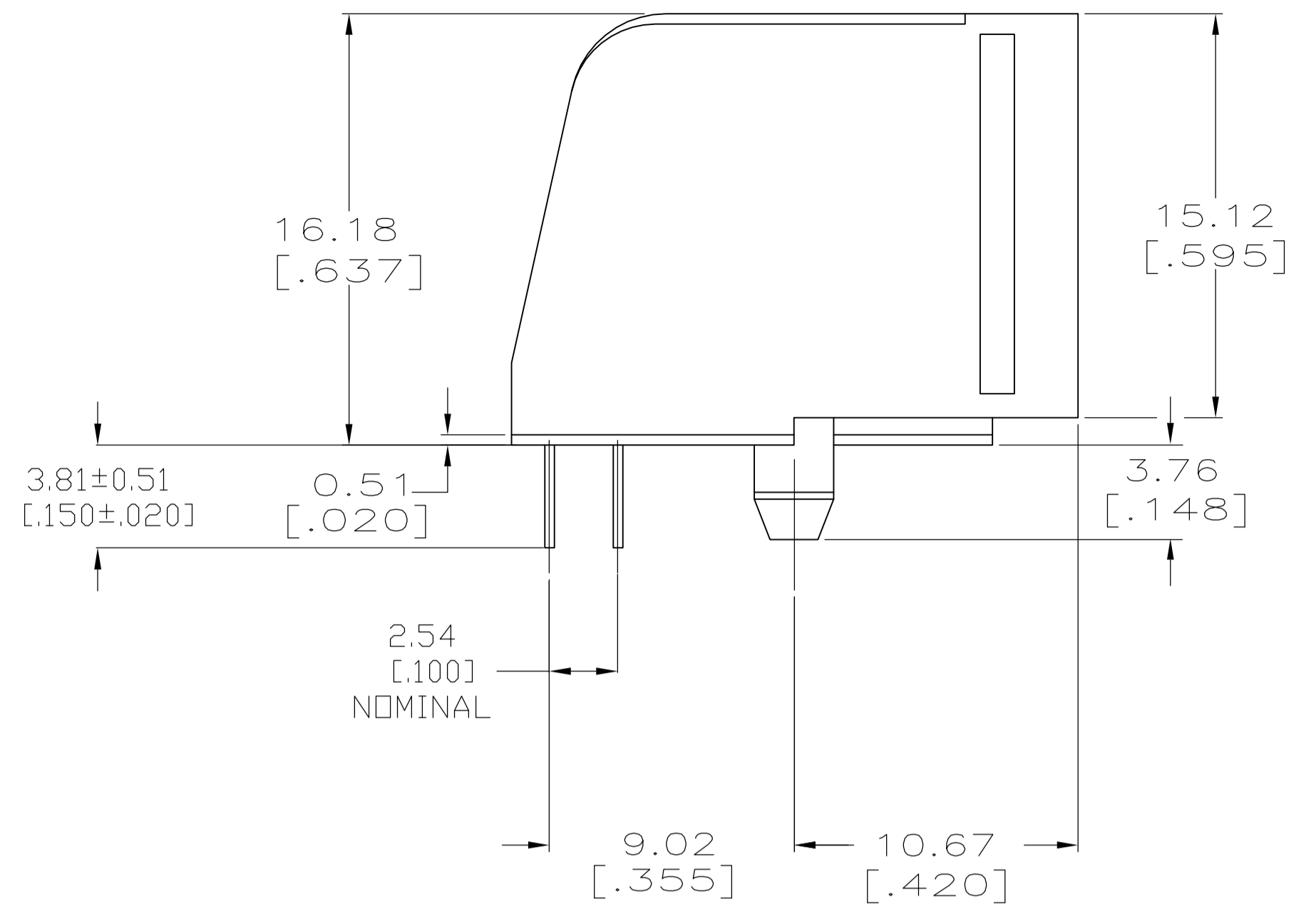


RECOMMENDED PANEL CUTOUT

RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT COMPONENT SIDE

OBSELETE	4 0.15µm[.000006]	2-5520249-2
	1.27µm[.000050]	5520249-2
	GOLD THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN J. ALCORTA - 17JUN2005 DOCK5 S. FLICKINGER 17JUN2005	TE Connectivity	
DIMENSIONS: mm [INCHES]		APVD S. FLICKINGER 17JUN2005	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.13[.005] 4 PLC ± - ANGLES ± -		PRODUCT SPEC 108-1163		
MATERIAL SEE NOTE 1		APPLICATION SPEC 114-2048		RESTRICTED TO
FINISH SEE NOTE 1		WEIGHT -		SCALE 5:1 SHEET 1 OF 1 REV D2
CUSTOMER DRAWING		A1 00779 C=5520249		

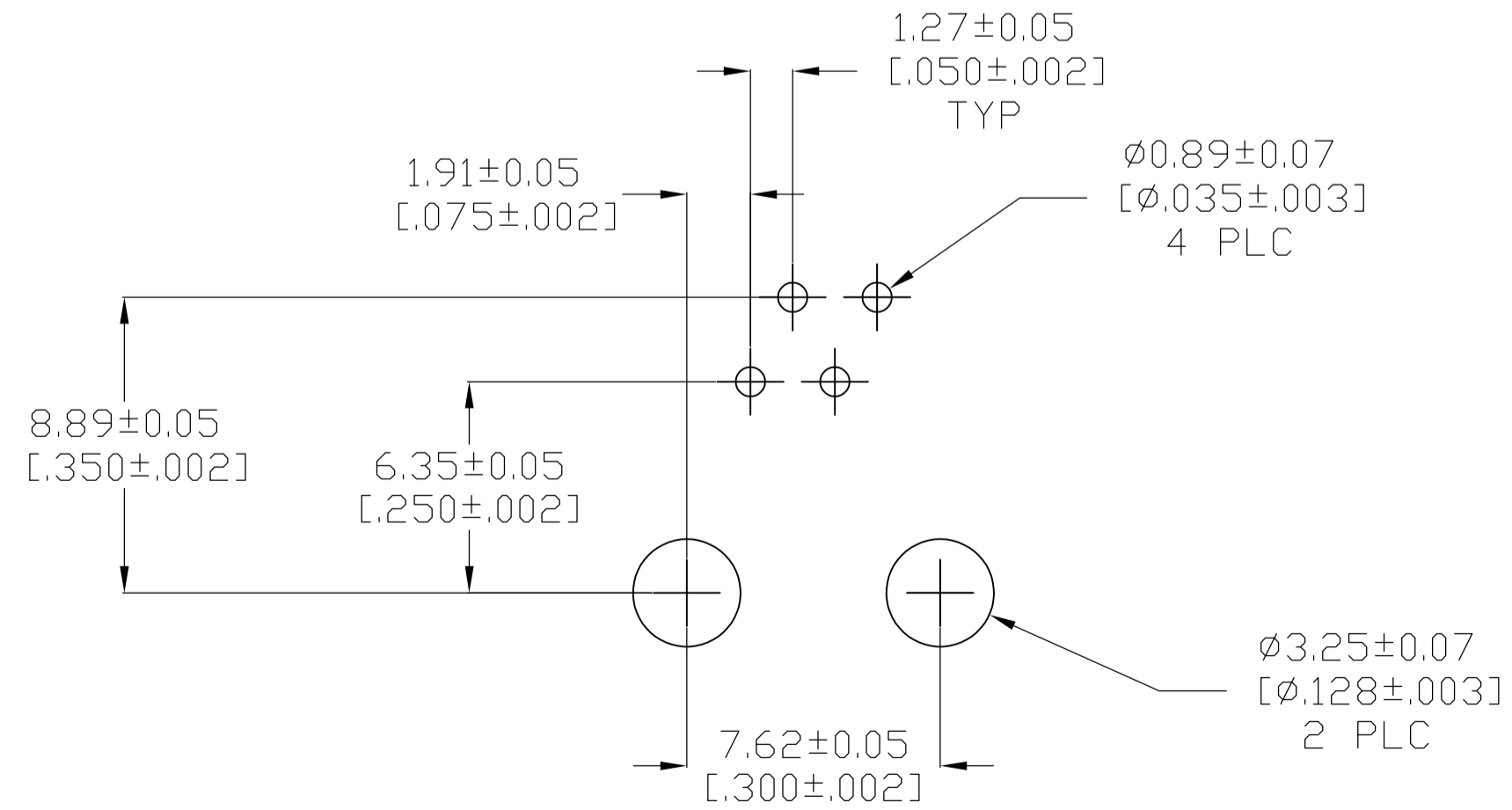
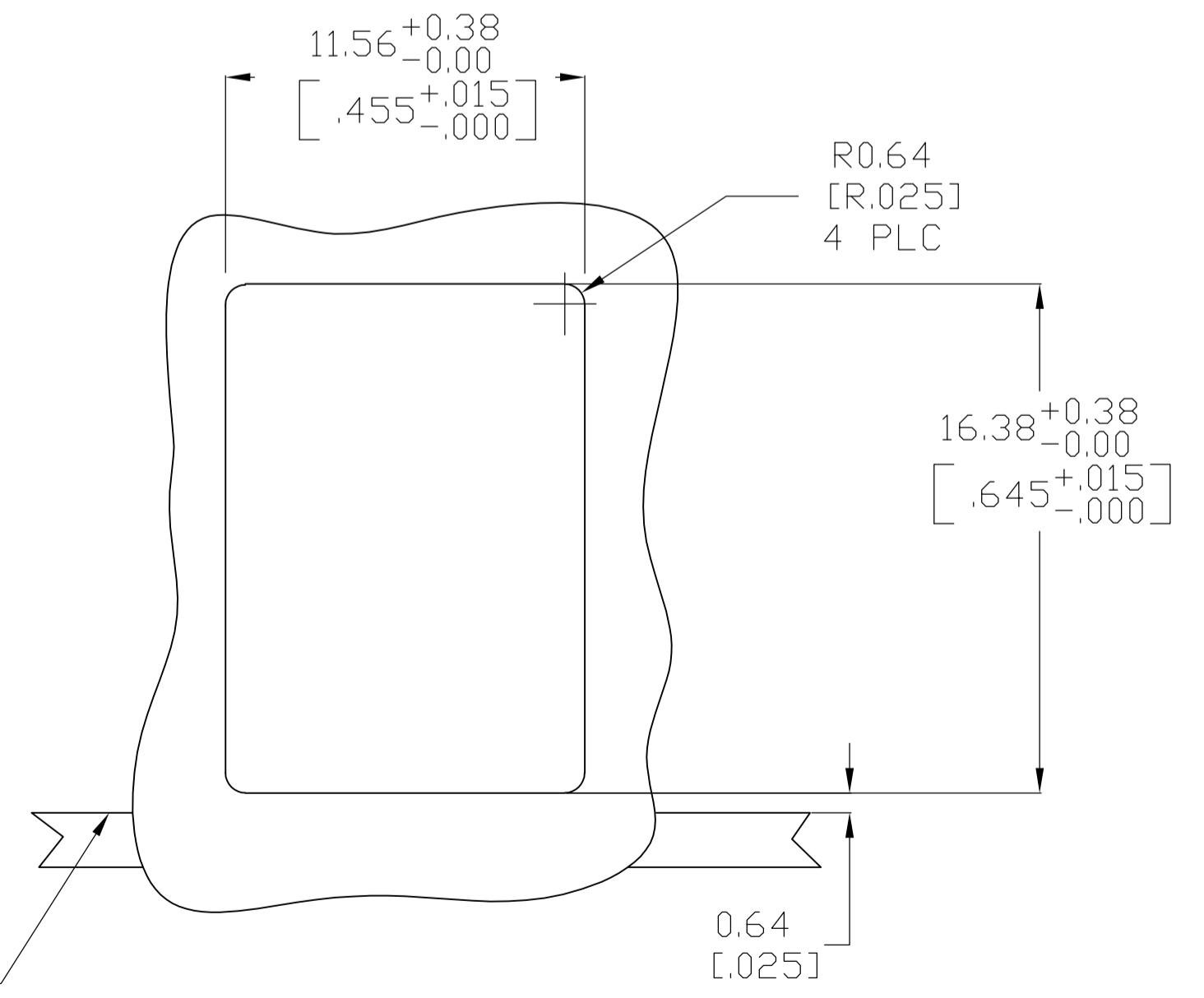
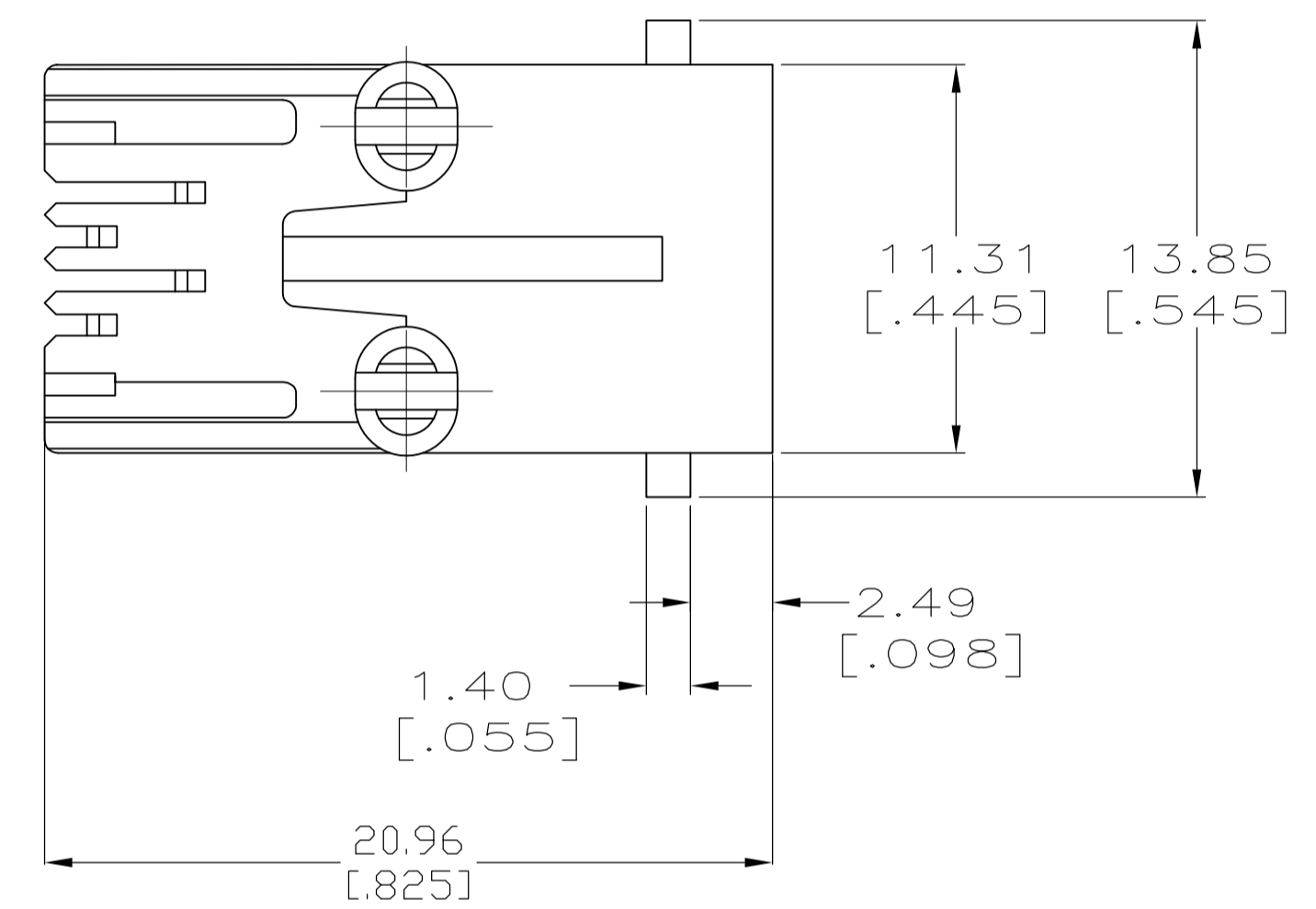


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RECOMMENDED PANEL CUTOUT

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	1.27µm[.000050]	5520249-2
	GOLD THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN J. ALCORTA - 17JUN2005 CHK S. FLICKINGER 17JUN2005	TE Connectivity	
DIMENSIONS: mm [INCHES]		APVD S. FLICKINGER 17JUN2005	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
0 PLC ± -	1 PLC ± -	108-1163		
2 PLC ± -	3 PLC ± 0.13[.005]	APPLICATION SPEC		
4 PLC ± -	ANGLES ± -	114-2048		
MATERIAL SEE NOTE 1	FINISH SEE NOTE 1	WEIGHT -	SIZE A1	CAGE CODE DRAWING NO. RESTRICTED TO
		00779	5520249	100779
CUSTOMER DRAWING		SCALE 5:1	SHEET 1 OF 1	REV D2