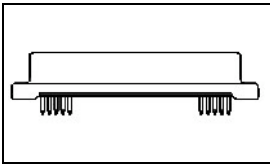


6-5173279-3 Product Details

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6-5173279-3

TE Internal Number: 6-5173279-3

Active

[View 3D PDF](#)

.050 Series Board Mount Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Style = Receptacle
- 50 Positions
- PCB Mounting Orientation = Vertical
- Termination Method to PC Board = Through Hole - Solder

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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Documentation & Additional Information

Product Drawings:

- [PLUG ASSY \(VERTICAL/ W/SCREW HOLE\) AMPLIMITE .050 SE...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: [\(CAD Format & Compression Information\)](#)

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[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
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = With
- PCB Mount Retention Type = Mounting Hole(s)
- [PCB Mount Alignment](#) = Without
- [Shell Type](#) = All Plastic
- [Product Series](#) = Series I

Termination Features:

- Termination Method to PC Board = Through Hole - Solder
- [Termination Post Length](#) (mm [in]) = 3.10 [0.122]

Body Features:

- Mating Retention = Without
- Post Plating = Tin over Nickel

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Base Material = Phosphor Bronze

Housing Features:

- Connector Style = Receptacle
- Mating Alignment = Without
- Centerline (mm [in]) = 1.27 [0.050]
- Housing Material = Thermoplastic - GF
- Housing Color = Black

Configuration Features:

- [Number of Positions](#) = 50
- [Shielded](#) = No

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
- UL Flammability Rating = UL 94V-0

Other:

- Brand = AMP
- Comment = To mount connector to pc board, use M2 screws and nuts (not supplied).

Corporate Information

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Quick Links

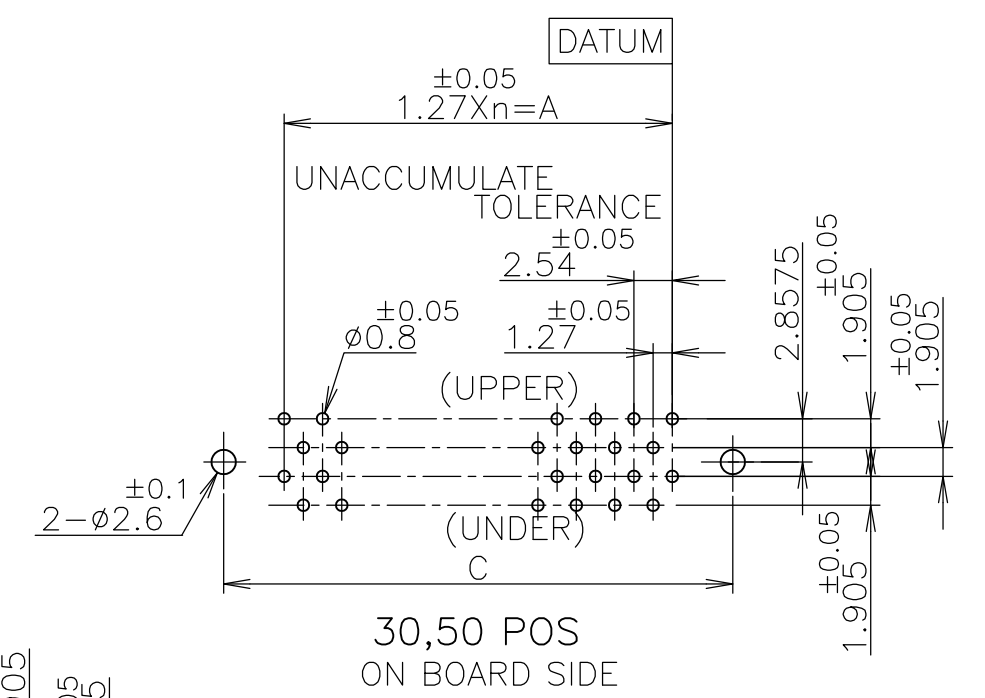
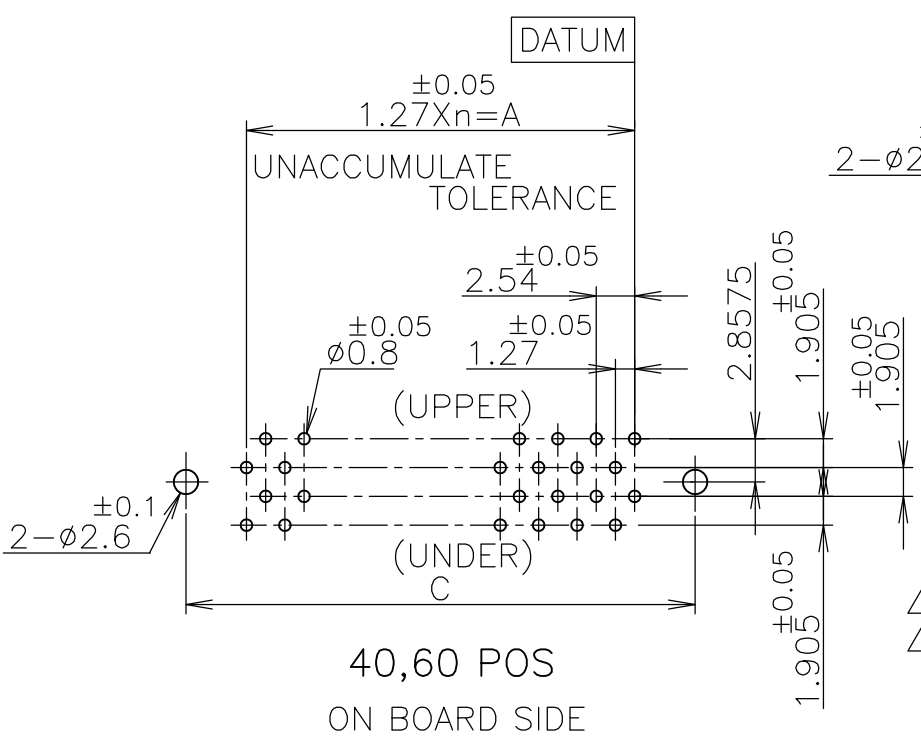
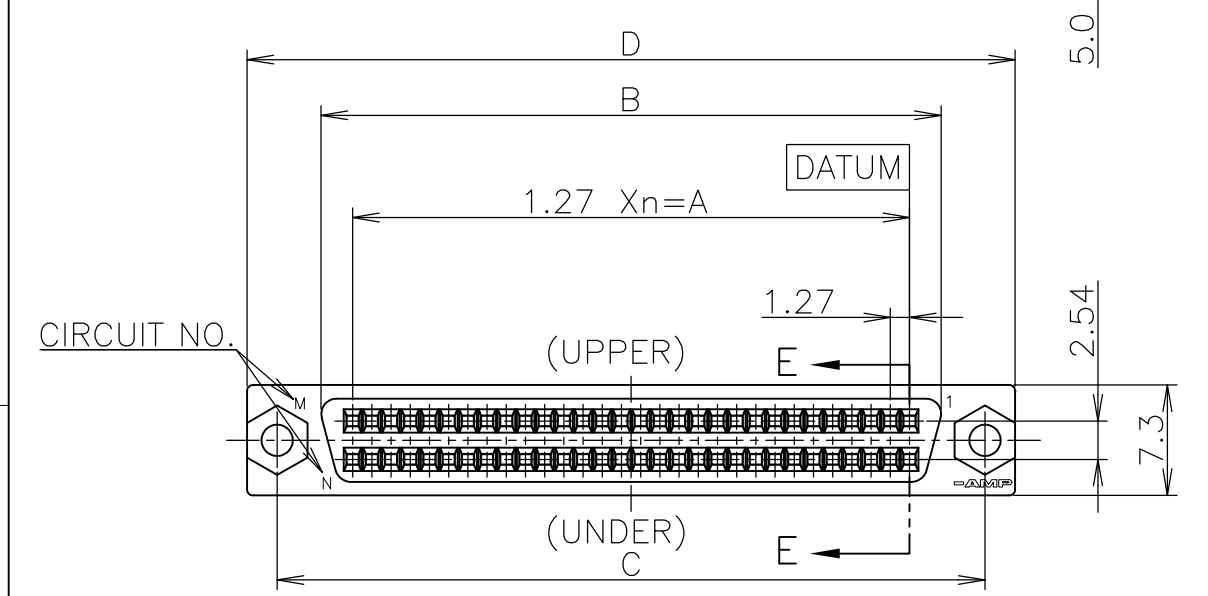
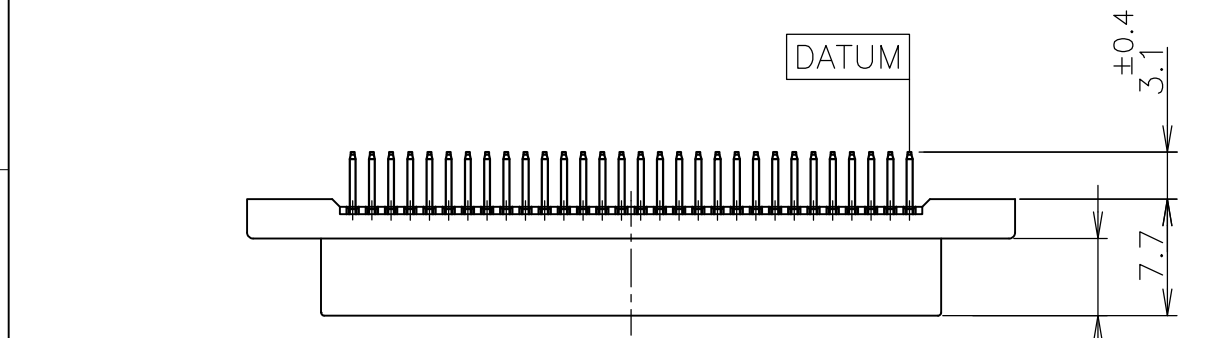
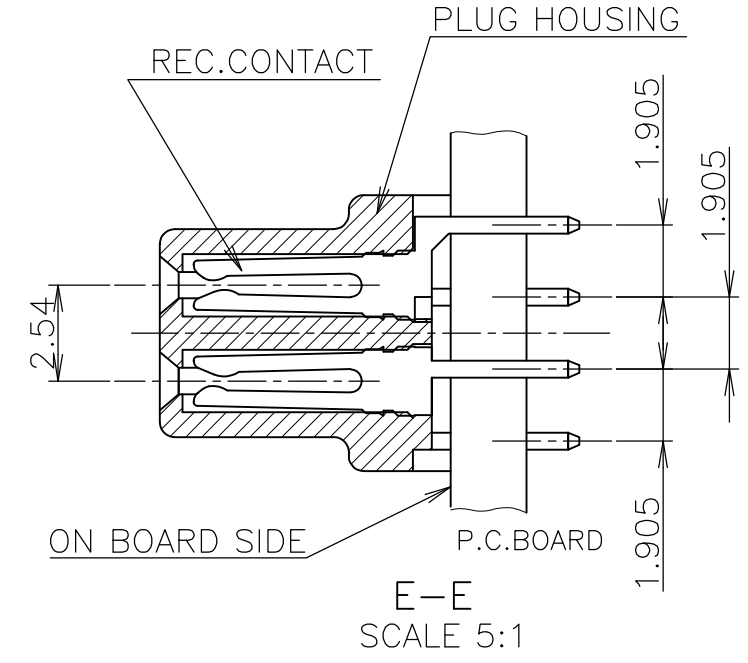
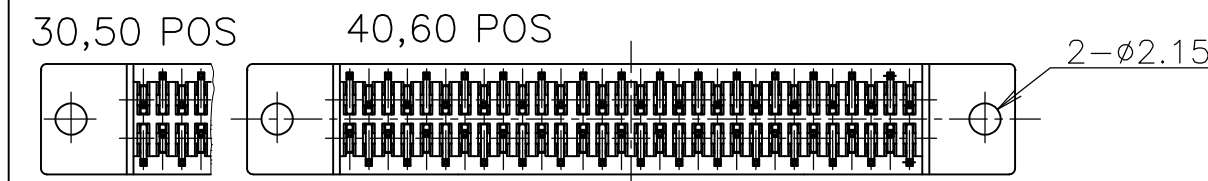
[Distributor Inventory](#)
[Product Cross Reference](#)
[Documents & Drawings](#)

Customer Support

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[Knowledge Base](#)

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LOC	DIST	REVISIONS					
J	/	P	LTR	DESCRIPTION	DATE	DWN	APVD
		P		REVISED PER ECO-11-005033	28MAR11	RK	HMR



- 1 USE A P.C.B. WHOSE ARE TREATED WITH SOLDER RESIST.
- 2 SHOW P.C.B LAYOUT FROM ON BOARD SURFACE SIDE.
- 3 NUMBER THE CONTACT IN THE P.C.B OR CONNECTOR CONSECUTIVELY FROM "DATUM" SIDE.
- 4 APPLY M2 SCREW & NUT TO FIX OF CONNECTOR.
- ⑤ HOUSING MATERIAL : P.B.T(UL94V-0) / BLACK
- ⑥ CONTACT MATERIAL : PHO-BRONZE
- ⑦ FINISH : NICKEL 0.00127 MIN THK. OVERALL SELECTIVE GOLD 0.00076 MIN. OR 0.0002 MIN. THK ON CONTACT AREA AND TIN 0.001 MIN THK. ON TINE AREA.
- ⑧ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

Au PL. 0.00076 MIN.	6-	-4	60	29	36.83	41.00	46.80	50.80
	6-	-3	50	24	30.48	34.65	40.45	44.45
	6-	-2	40	19	24.13	28.30	34.10	38.10
	6-	-1	30	14	17.78	21.95	27.75	31.75
Au PL. 0.0002 MIN.		-4	60	29	36.83	41.00	46.80	50.80
		-3	50	24	30.48	34.65	40.45	44.45
		-2	40	19	24.13	28.30	34.10	38.10
REMARK	5173279-1	30	14	17.78	21.95	27.75	31.75	
	PART NUMBER	POS	n	A	B	C	D	

LEAD FREE

GENERAL TOLERANCE 一般公差	
10 ≥ :	±0.2
30 ≥ > 10:	±0.25
100 ≥ > 30:	±0.3
ANGLES: ±3°	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN COREL WANG 23AUG04	STE TE Connectivity	
DIMENSIONS: mm		CHK STEVEN YAO 20AUG04		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD I.ENOMOTO 20AUG04	NAME PLUG ASSY (VERTICAL/ W/SCREW HOLE) AMPLIMITE .050 SERIES I B-TO-B CONN.	
0 PLC ± -		PRODUCT SPEC 108-60036	SIZE A3	
1 PLC ± -		APPLICATION SPEC	CAGE CODE 00779	DRAWING NO C-5173279
2 PLC ± -		WEIGHT	RESTRICTED TO	
3 PLC ± -		CUSTOMER DRAWING	SCALE 2:1	SHEET 1 OF 1
4 PLC ± -			REV P	
ANGLES ± -				
FINISH				
MATERIAL SEE-NOTE				
SEE-NOTE				