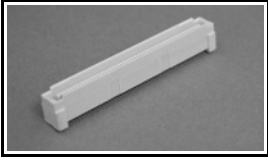


5179031-5 Product Details

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5179031-5

TE Internal Number: 5179031-5

Active

[View 3D PDF](#)

0.8mm Free Height

Always EU RoHS/ELV Compliant
(Statement of Compliance)

Product Highlights:

- Connector Style = Plug
- 120 Positions
- PCB Mounting Orientation = Vertical
- Board-to-Board Stack Height = 8.00 mm, 12.00 mm, 16.00 mm, 20.00 mm
- Gold (8) Contact Plating, Mating Area, Material

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [PLUG ASSY \(0.5 BOSS LENGTH\) FOR FH 0.8 B-T-B STACKIN...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [Fine Pitch Stacking Connectors - 0.8mm Free Height \(...\)](#) (PDF, English)

Product Specifications:

- [Free Height 0.8 mm Pitch Board-to-Board Connector \(SMT\)](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Product Images:

- [Product Photo](#)

Related Products:

- [Tooling](#)
- [Mating Products \(20\)](#)

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

Product Type Features:

- PCB Mounting Orientation = Vertical
- Family Name = Free Height
- Keyed = Yes
- Sealant = Without

Dimensions:

- [Board-to-Board Stack Height \(mm \[in\]\)](#) = 8.00 [0.315], 12.00 [0.472], 16.00 [0.630], 20.00 [0.787]
- Height = 8H

Body Features:

- [Locating Post\(s\)](#) = With
- [Vacuum Cover](#) = Without

Housing Features:

- Connector Style = Plug
- Housing Color = Natural
- Housing Material = Liquid Crystal Polymer (LCP)
- UL Flammability Rating = UL 94V-0
- Housing Material Temperature = High

Configuration Features:

- [Number of Positions](#) = 120
- [Number of Rows](#) = Dual

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable

- Locating Post Length = 0.5 mm

Contact Features:

- [Contact Plating](#), [Mating Area](#), [Material](#) = Gold (8)
- Contact Base Material = Copper Alloy
- Solder Tail Contact Plating = Tin over Nickel

to 245°C, Reflow solder capable to 260°C

- RoHS/ELV Compliance History = Always was RoHS compliant

Packaging Features:

- [Packaging Method](#) = Tube

Other:

- Brand = AMP

Corporate Information

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Quick Links

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

Customer Support

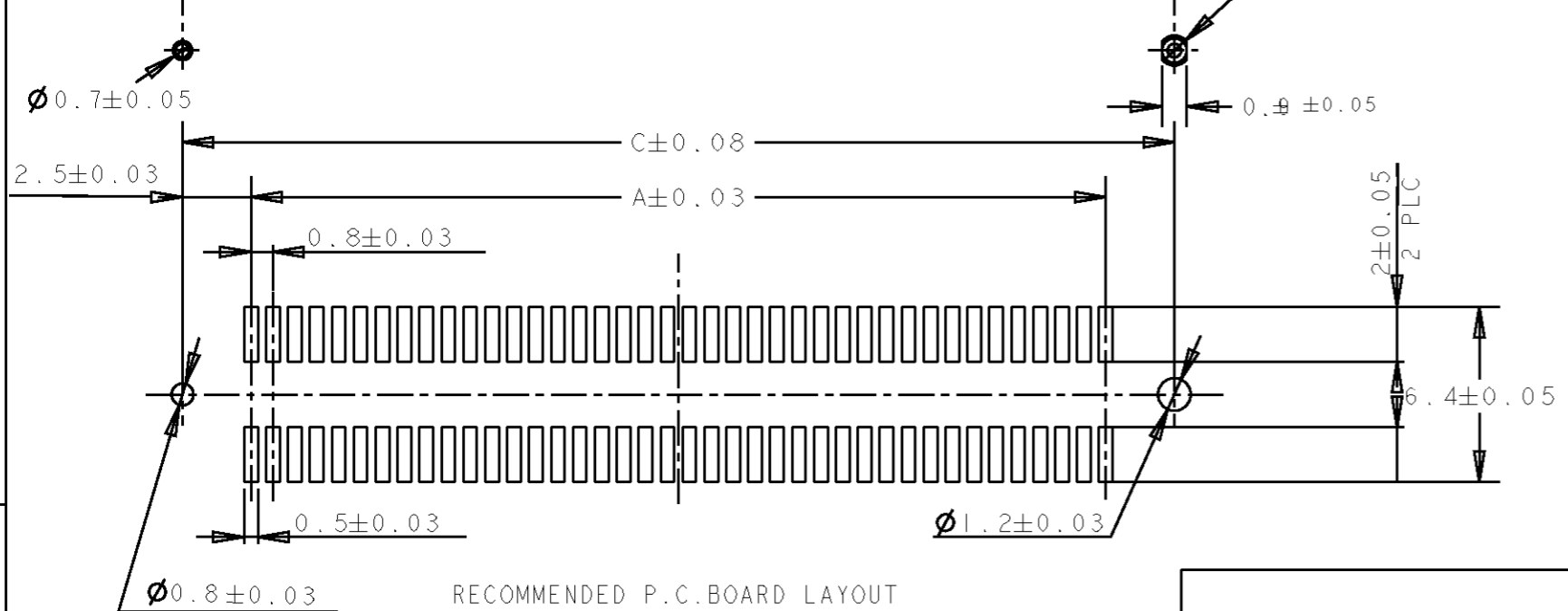
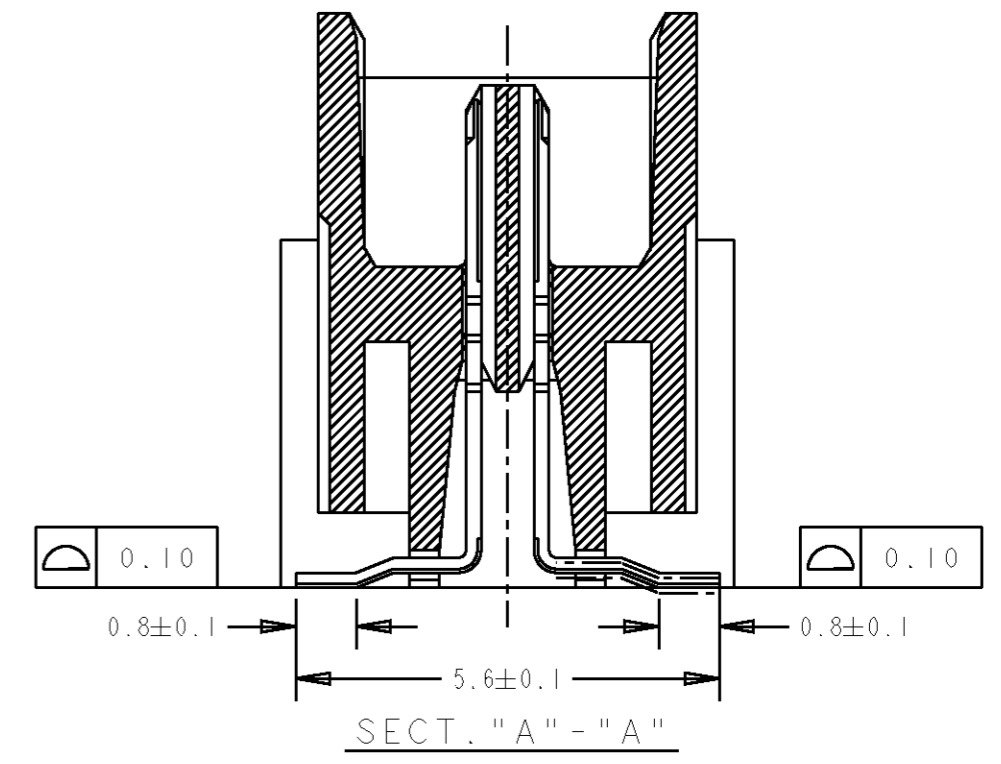
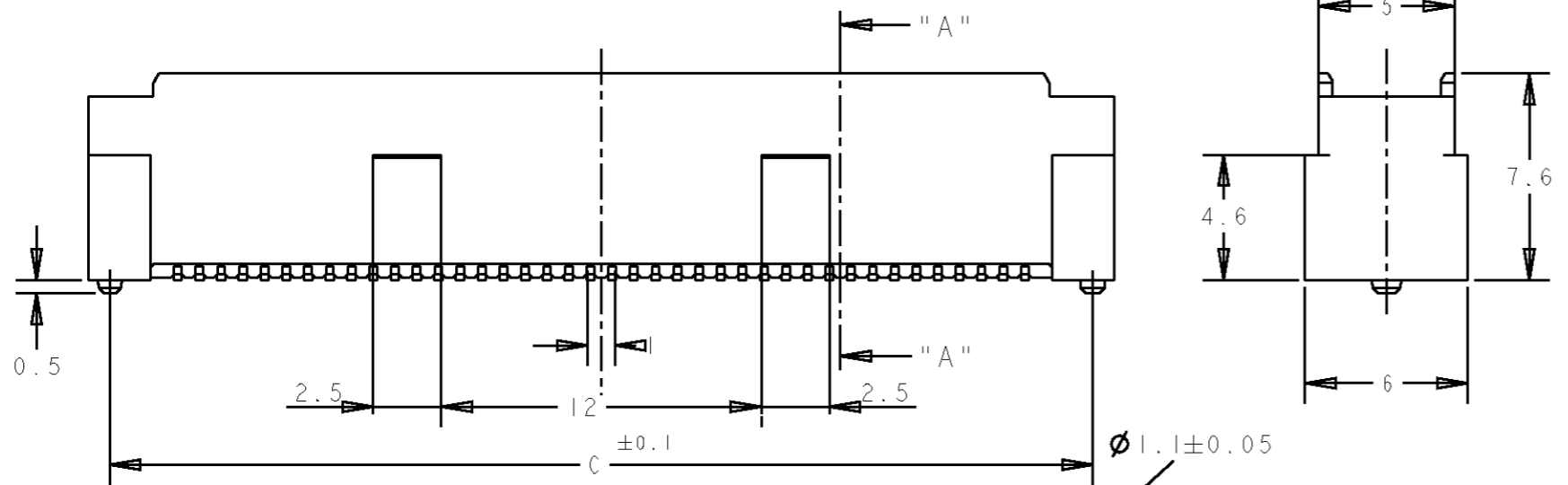
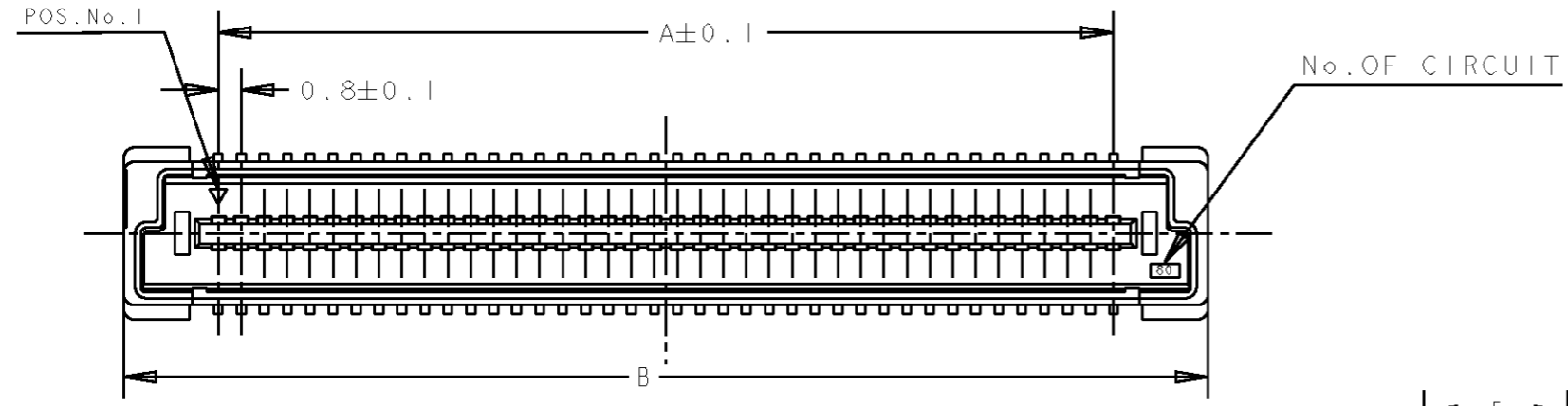
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LOC		DIST		REVISIONS					
DY		-		P	LTR	DESCRIPTION	DATE	DWN	APVD
				A4		REVISED PER ECO-11-005139	19MAR11	RK	HMR

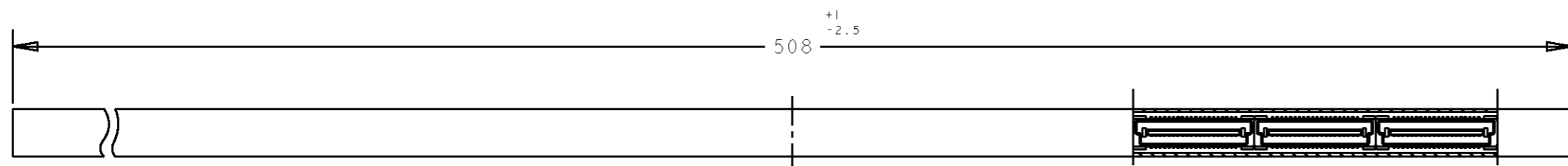


- NOTES:
- 1. MATERIAL:
HOUSING: L.C.P.(HIGH TEMP THERMO PLASTIC)
UL 94V-0, NATURAL.
CONTACT: BRASS.
 - 2. FINISH:
CONTACT AREA: 0.0002 MIN GOLD
SOLDERING AREA: 0.0020 MIN MATTE-TIN
UNDERPLATE: 0.0013 MIN NICKEL ALL OVER
 - 3. POSITION SERIES: SEE TABLE.
 - 4. CONN STACK HEIGHT COMBINE OF PLUG "Y"H VS REC "X"H.
STACK HEIGHT = Y + X - 5
 - 5. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

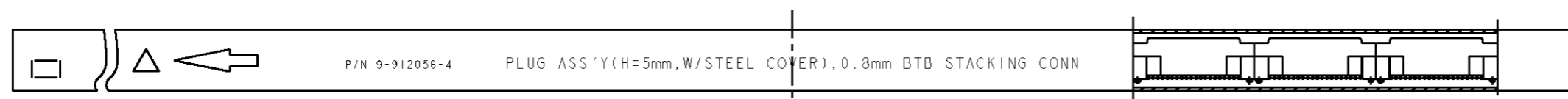
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN 28 JUL 04 FLORENCE TAN		TE Connectivity	
		0 PLC ±- 1 PLC ±0.30 2 PLC ±0.25 3 PLC ±0.20 4 PLC ±- ANGLES ±3°		CHK ERIC TNG			
MATERIAL		FINISH		APVD SEIFONG		SIZE	
				PRODUCT SPEC 108-5390		CAGE CODE 00779	
				APPLICATION SPEC 114-5254		DRAWING NO C-5179031	
				WEIGHT -		SCALE 4:1	
				CUSTOMER DRAWING		SHEET 1 OF 2	
						REV A4	

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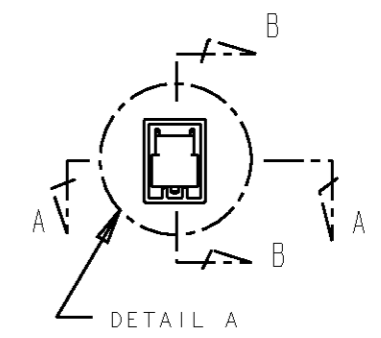
LOC DY	DIST -	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



SECT A-A

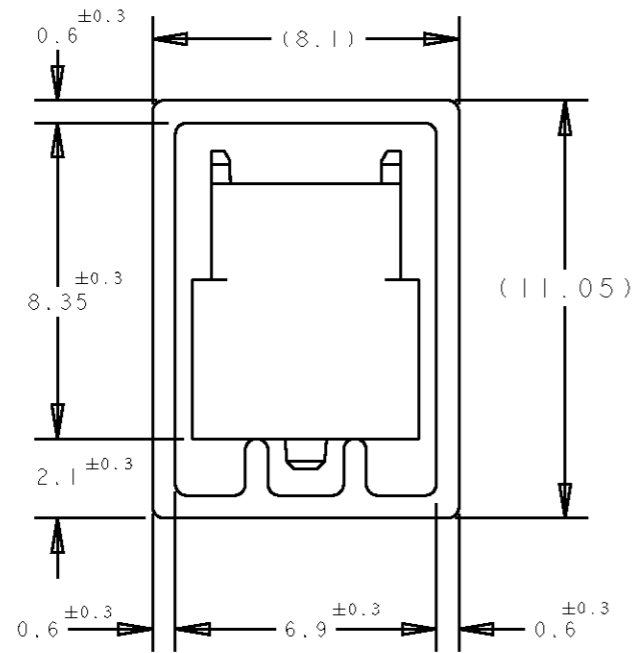


SECT B-B



P/N 9-912056-4 PLUG ASS'Y (H=5mm, W/STEEL COVER), 0.8mm BTB STACKING CONN

REFERENCE PICTURE OF TUBE PACK



DETAIL "B"
(SCALE 5-1)

5 OBSOLETE	11	40.2	41.8	35.2	90	1-	-2
	14	32.2	33.8	27.2	70	1-	-1
	5	84.2	85.8	79.2	200	1-	-0
	6	76.2	77.8	71.2	180		-9
	6	68.2	69.8	63.2	160		-8
	7	60.2	61.8	55.2	140		-6
	9	52.2	53.8	47.2	120		-5
	10	44.2	45.8	39.2	100		-4
	12	36.2	37.8	31.2	80		-3
	16	28.2	29.8	23.2	60		-2
22	20.2	21.8	15.2	40		5179031-1	
QTY/ TUBE	C	B	A	POS.	CONN P/N		

DWN FLORENCE 28JUL04		STE TE Connectivity	
CHK ERIC TNG			
APVD SEIFONG		NAME	
PRODUCT SPEC 108-5390		PLUG ASSEMBLY 8H TYPE (0.5 BOSS LENGTH) FOR FH 0.8MM PITCH B-T-B CONNECTOR	
APPLICATION SPEC 114-5254		SIZE A3	CAGE CODE 00779
WEIGHT -		DRAWING NO C-5179031	
CUSTOMER DRAWING		SCALE 4:1	SHEET 2 OF 2 REV A4

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ±-
	1 PLC ±0.30
	2 PLC ±0.25
	3 PLC ±0.20
	4 PLC ±-
	ANGLES ±3°
MATERIAL	FINISH