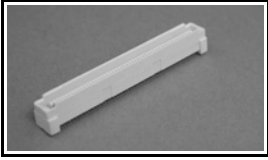


5179030-5 Product Details

[Share](#) [Print](#) [Email](#)




5179030-5

TE Internal Number: 5179030-5

 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 = 7.00 mm, 11.00 mm, 15.00 mm, 19.00 mm
- Gold (8) Contact Plating, Mating Area, Material

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(20\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#)

[Request Sample](#)

[Find Similar Products](#)

[Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [PLUG ASSEMBLY 7H TYPE \(0.5 BOSS LENGTH\) FOR FH 0.8mm...](#) (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 O3)
- [3D Model](#) (IGES, Version O3)
- [3D Model](#) (STEP, Version O3)

[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 \[in\]\)](#) = 7.00 [0.276], 11.00 [0.433], 15.00 [0.590], 19.00 [0.748]
- Height = 7H

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

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)

Quick Links

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

Customer Support

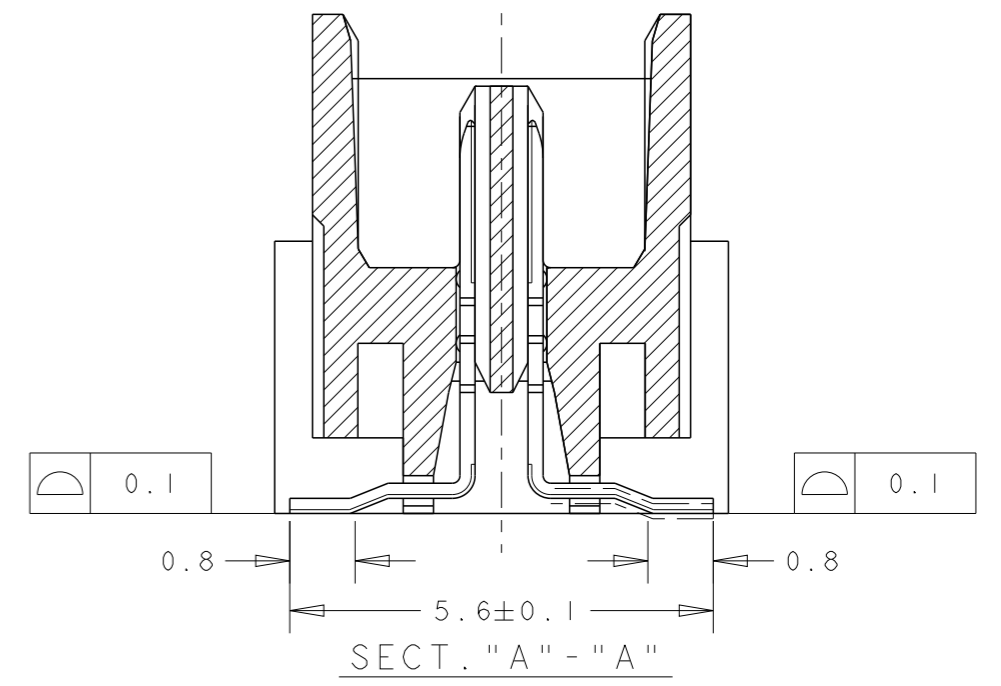
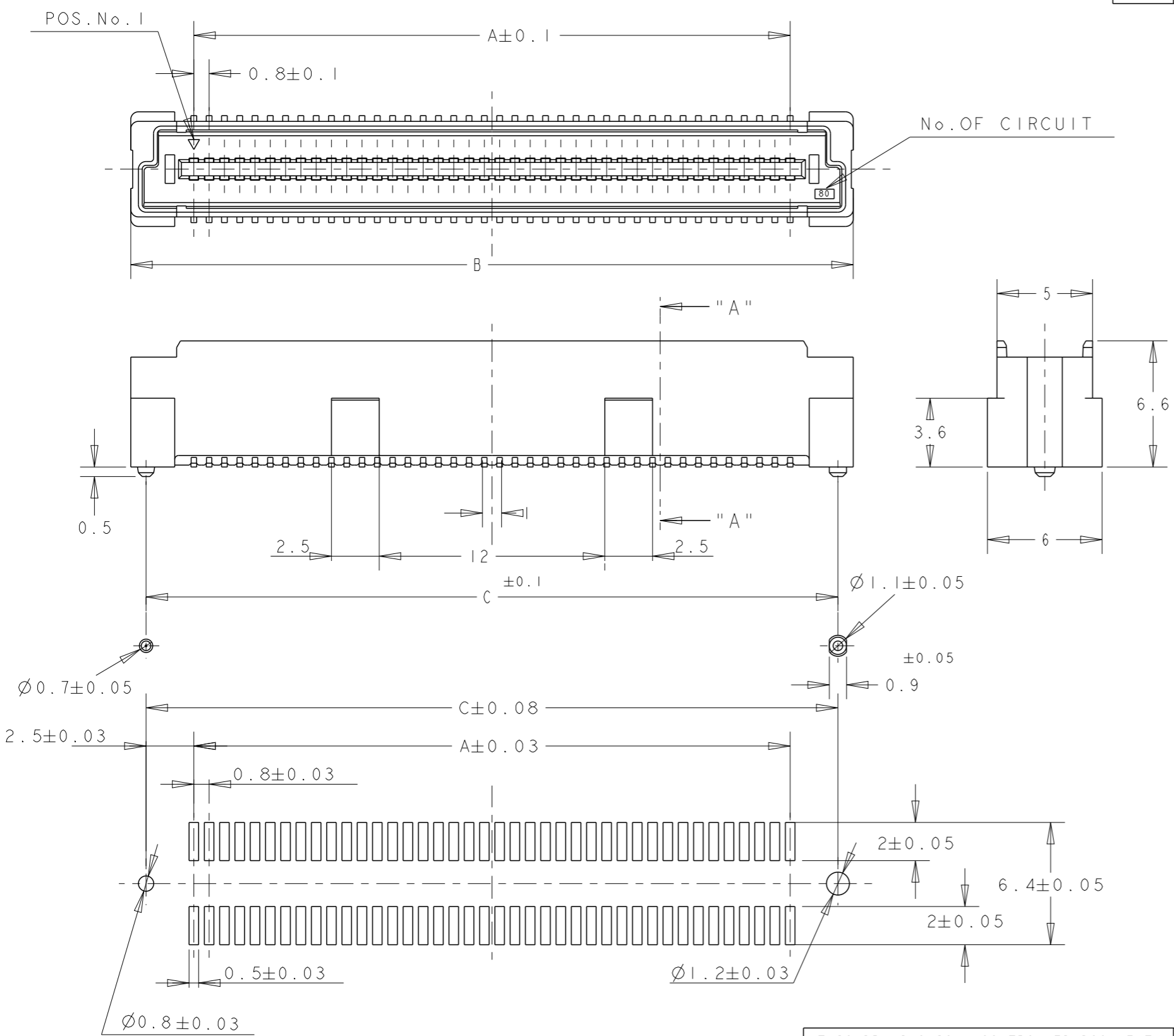
- [Email or Chat With Us](#)
- [Find a Phone Number](#)
- [Knowledge Base](#)
- [Manage Your Account](#)

Keep Me Informed



THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.


LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DY	-	B2	REVISED PER ECR-12-021394	12DEC12	IT SY



- 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 ON
0.0013 MIN ALL OVER NICKEL.
 - 3 SOLDERING AREA: 0.002 MIN MATTE-TIN.
 - 4 POSITION SERIES: SEE TABLE.
CONN STACK HEIGHT COMBINE OF PLUG "Y" H VS REC "X" H.
STACK HEIGHT = Y + X - 5
 - 5 FINISH:
CONTACT AREA: 0.00076 MIN GOLD ON
0.0013 MIN ALL OVER NICKEL.
SOLDERING AREA: 0.002 MIN MATTE-TIN.
 - 6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER
D.RENAUD/D.SINISI.
 - 7 FINISH:
CONTACT AREA: 0.00038 MIN GOLD ON
0.0013 MIN ALL OVER NICKEL.
SOLDERING AREA: 0.002 MIN MATTE-TIN.

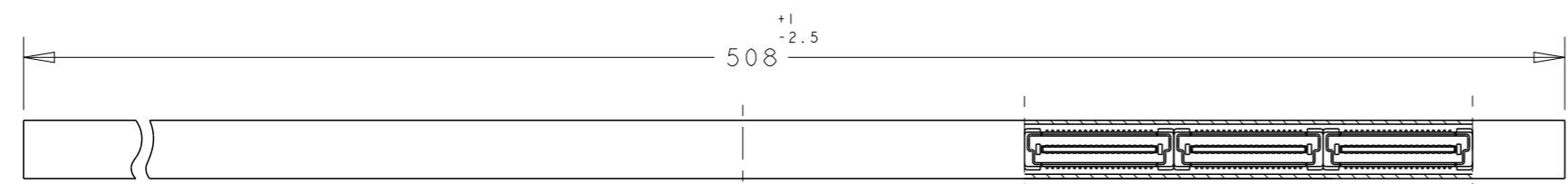
P/N SEE SHEET 2 AND 3 OF 3

RECOMMENDED P.C. BOARD LAYOUT

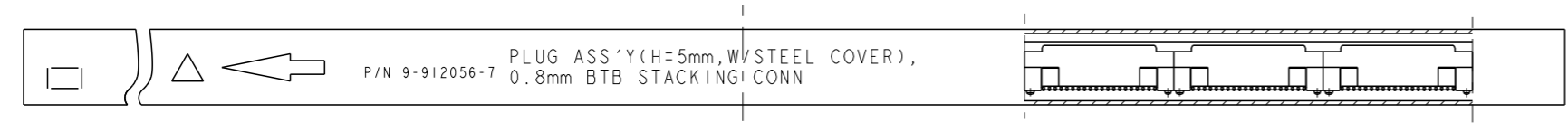
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN FLORENCE TAN 30AUG04	 TE Connectivity	
DIMENSIONS: mm		CHK ERIC TNG		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SE LEONG	NAME PLUG ASSEMBLY 7H TYPE (0.5 BOSS LENGTH) FOR FH 0.8mm PITCH BTB CONNECTOR	
0 PLC ± 1 PLC ±0.30 2 PLC ±0.25 3 PLC ±0.20 4 PLC ± ANGLES ±3°		PRODUCT SPEC 108-5390	SIZE A300779	
MATERIAL		APPLICATION SPEC 114-5254	DRAWING NO C-5179030	
FINISH SEE P/N TABLE		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 3
				REV B2

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

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



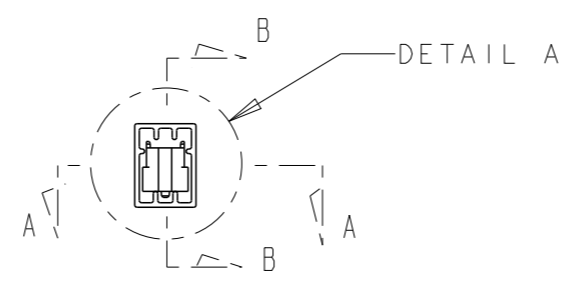
SECT A-A



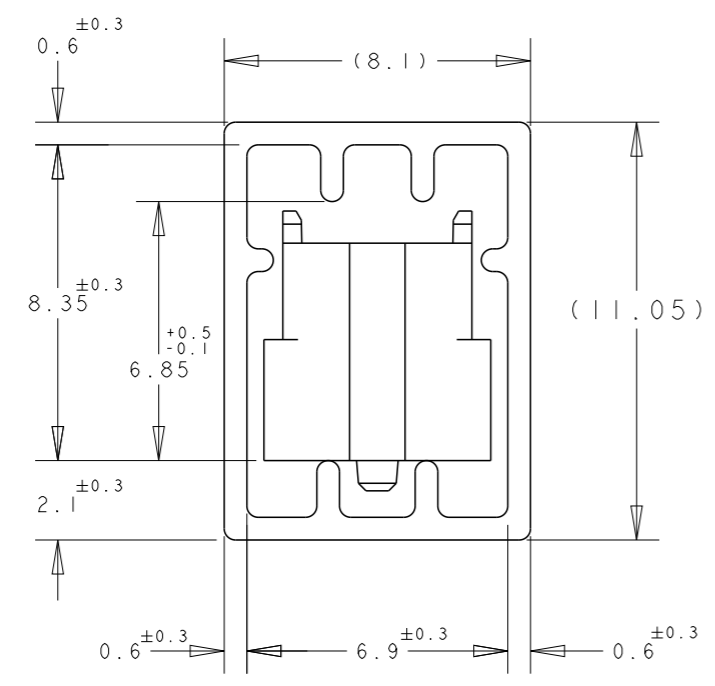
SECT B-B

P/N 9-912056-7 PLUG ASS'Y (H=5mm, W/STEEL COVER),
 0.8mm BTB STACKING CONN

REFERENCE PICTURE OF TUBE PACK



DETAIL A



DETAIL "B"
(SCALE 5-1)

CNT	PLT	FINISH	AVAILABILITY	QTY/TUBE					CONN P/N	
				C	B	A	POS.			
5	15Au/Sn	△	NOT AVAILABLE	5	84.2	85.8	79.2	200	4-	-0
			NOT AVAILABLE	6	76.2	77.8	71.2	180	3-	-9
			NOT AVAILABLE	6	68.2	69.8	63.2	160	3-	-8
			NOT AVAILABLE	7	60.2	61.8	55.2	140	3-	-6
			AVAILABLE	9	52.2	53.8	47.2	120	3-	-5
			NOT AVAILABLE	10	44.2	45.8	39.2	100	3-	-4
			NOT AVAILABLE	12	36.2	37.8	31.2	80	3-	-3
			NOT AVAILABLE	16	28.2	29.8	23.2	60	3-	-2
			NOT AVAILABLE	22	20.2	21.8	15.2	40	3-	-1
			6	30Au/Sn	△	AVAILABLE	5	84.2	85.8	79.2
AVAILABLE	6	76.2				77.8	71.2	180	1-	-9
AVAILABLE	6	68.2				69.8	63.2	160	1-	-8
AVAILABLE	7	64.2				65.8	59.2	150	1-	-7
AVAILABLE	7	60.2				61.8	55.2	140	1-	-6
AVAILABLE	9	52.2				53.8	47.2	120	1-	-5
AVAILABLE	10	44.2				45.8	39.2	100	1-	-4
AVAILABLE	12	36.2				37.8	31.2	80	1-	-3
AVAILABLE	16	28.2				29.8	23.2	60	1-	-2
AVAILABLE	22	20.2				21.8	15.2	40	1-	-1
8	08Au/Sn	△	AVAILABLE	5	84.2	85.8	79.2	200	1-	-0
			AVAILABLE	6	76.2	77.8	71.2	180		-9
			AVAILABLE	6	68.2	69.8	63.2	160		-8
			AVAILABLE	7	64.2	65.8	59.2	150		-7
			AVAILABLE	7	60.2	61.8	55.2	140		-6
			AVAILABLE	9	52.2	53.8	47.2	120		-5
			AVAILABLE	10	44.2	45.8	39.2	100		-4
			AVAILABLE	12	36.2	37.8	31.2	80		-3
			AVAILABLE	16	28.2	29.8	23.2	60		-2
			AVAILABLE	22	20.2	21.8	15.2	40		-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN FLORENCE TAN 30AUG04
 CHK ERIC TNG
 APVD SEIFONG
 PRODUCT SPEC 108-5390
 APPLICATION SPEC 114-5254
 WEIGHT -

STE TE Connectivity

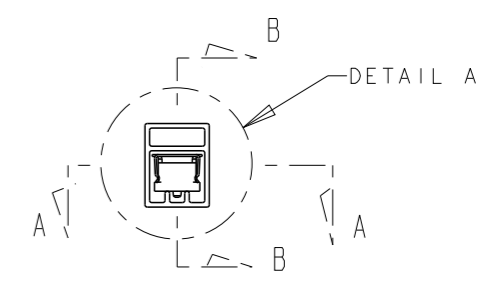
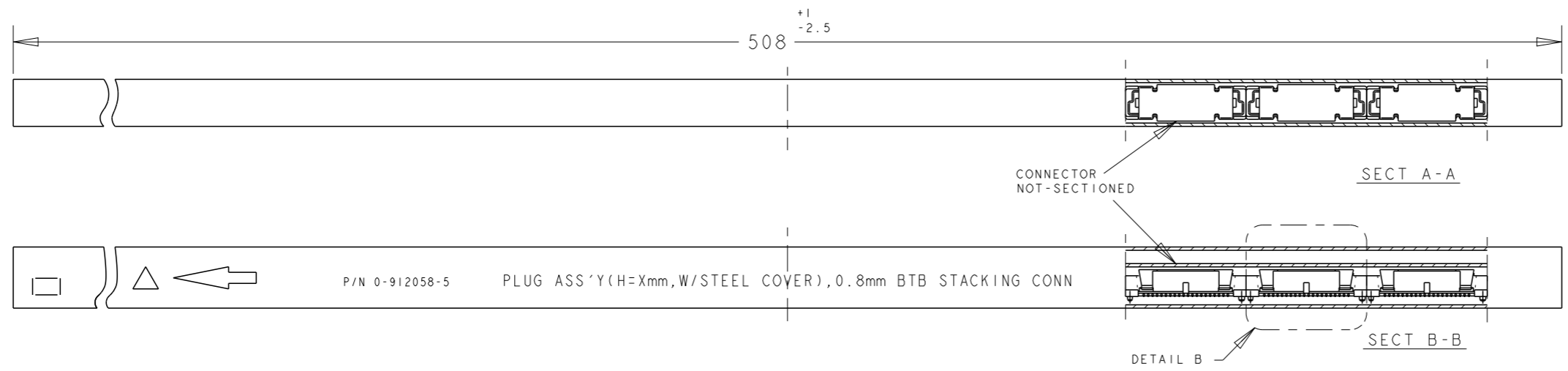
NAME: PLUG ASSEMBLY 7H TYPE (0.5 BOSS LENGTH) FOR FH 0.8mm PITCH BTB CONNECTOR

SIZE: A300779 CAGE CODE: 5179030 DRAWING NO: 5179030-1 RESTRICTED TO: -

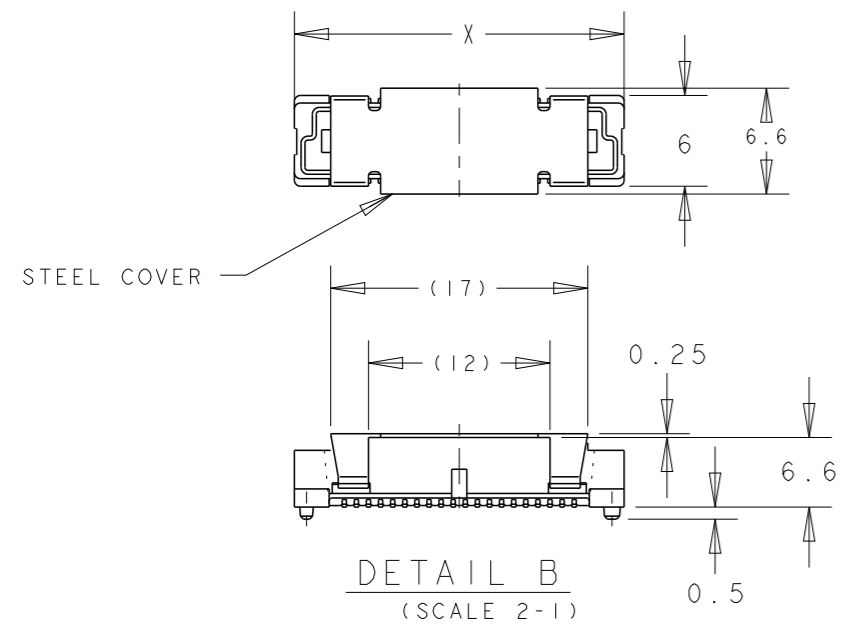
CUSTOMER DRAWING SCALE: 4:1 SHEET: 2 OF 3 REV: B2

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

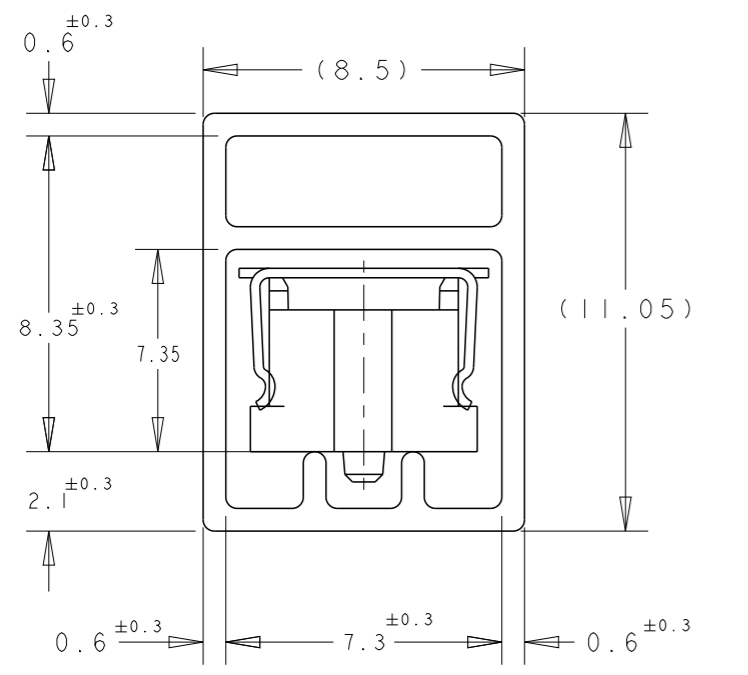
LOC	DIST	REVISIONS					
DY	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE HEET I			



PLUG TUBE ASSY WITH STEEL COVER FOR FH 0.8 B-T-B CONNECTOR



DETAIL B (SCALE 2-1)



DETAIL A (SCALE 5-1)

CMT PLT 30Au/Sn 5	AVAILABLE	5	85.8	200	3-	-0	
		6	77.8	180	2-	-9	
		6	69.8	160	2-	-8	
	WITH STEEL COVER	AVAILABLE	7	65.8	150	2-	-7
			7	61.8	140	2-	-6
			9	53.8	120	2-	-5
			10	45.8	100	2-	-4
			12	37.8	80	2-	-3
			16	29.8	60	2-	-2
		22	21.8	40	2-5179030-1		
FINISH/REMARKS	AVAILABILITY	QTY/TUBE	X	POS.	CONN P/N		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN FLORENCE TAN 30AUG04	TE Connectivity	
DIMENSIONS: mm		CHK ERIC TNG		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SE LEONG	NAME PLUG ASSEMBLY 7H TYPE (0.5 BOSS LENGTH) FOR FH 0.8mm PITCH BTB CONNECTOR	
0 PLC ±- 1 PLC ±0.30 2 PLC ±0.25 3 PLC ±0.20 4 PLC ±- ANGLES ±3°		PRODUCT SPEC 108-5390	SIZE A300779	
MATERIAL		APPLICATION SPEC 114-5254	DRAWING NO C-5179030	
FINISH SEE P/N TABLE		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 4:1	SHEET 3 OF 3
			REV B2	