



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

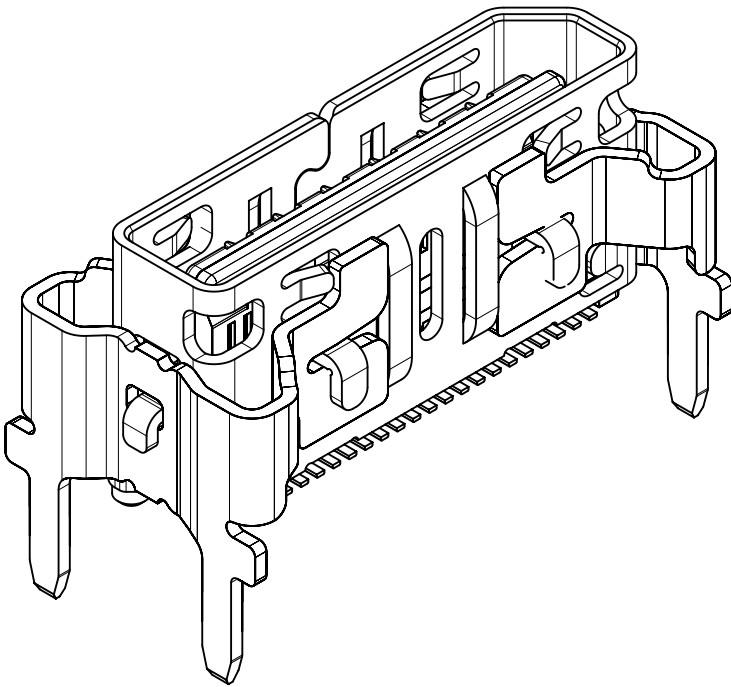
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

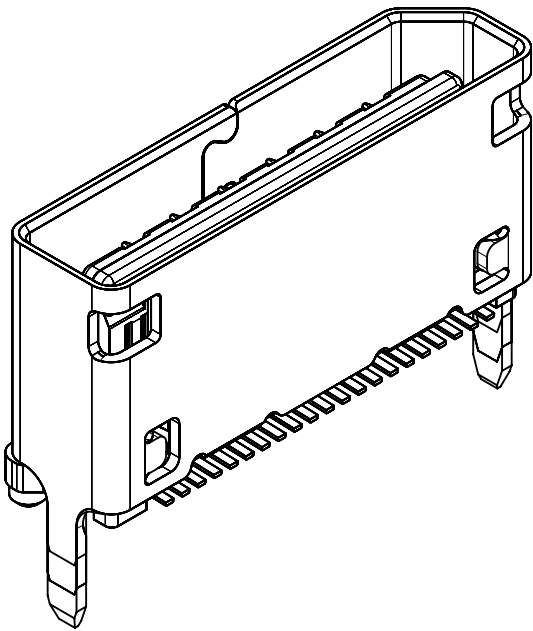


	12	11	10	9	8	7	6	5	4	3	2	1
	STATUS	MATERIAL NUMBER	SHELL ATTACH OPTION	PLASTIC COLOR	DIM "T" OPTION 1							
	TOOLED	171983-0142	SMT	BLACK	-							
H	NOT TOOLED	171983-0342	SMT	NATURAL	-							
	TOOLED	171983-2042	TH	BLACK	3.00							
	TOOLED	171983-2342	TH	NATURAL	3.00							
	TOOLED	171983-2442	TH	BLACK	2.36							
	TOOLED	171983-2542	TH	NATURAL	2.36							
	TOOLED	171983-2642	TH	BLACK	1.57							
	TOOLED	171983-2742	TH	NATURAL	1.57							
	TOOLED	171983-3042	XD	BLACK	3.00							
G	TOOLED	171983-3142	XD	NATURAL	3.00							
	NOT TOOLED	171983-3242	XD	BLACK	2.36							
	NOT TOOLED	171983-3342	XD	NATURAL	2.36							
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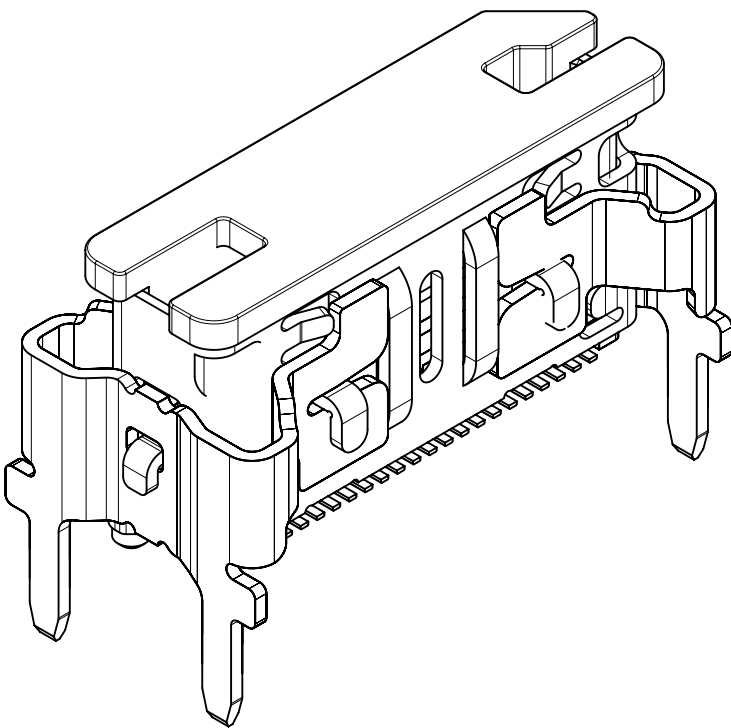
42 CIRCUIT XD SHELL



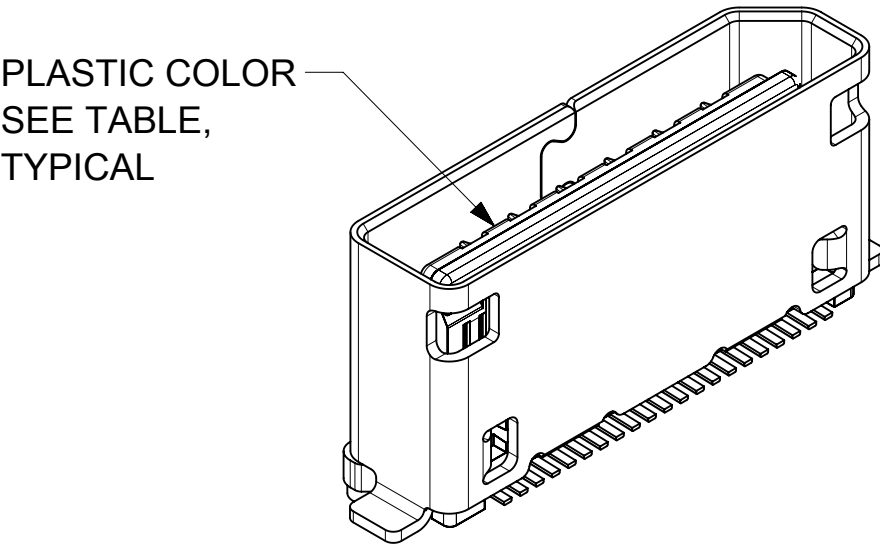
42 CIRCUIT THRU HOLE SHELL



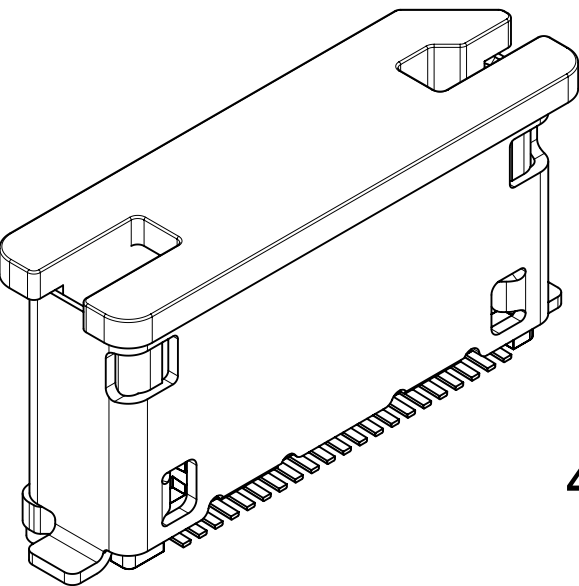
42 CIRCUIT XD SHELL W/ CAP



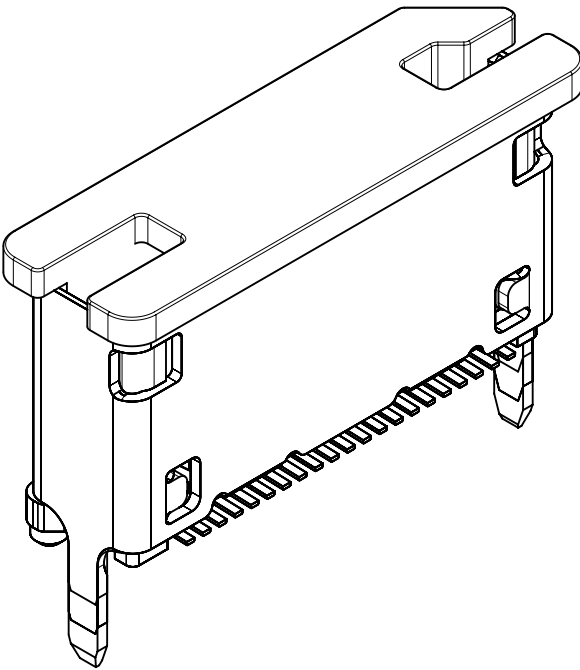
42 CIRCUIT SMT SHELL



42 CIRCUIT SMT SHELL W/ CAP



42 CIRCUIT THRU HOLE SHELL W/ CAP

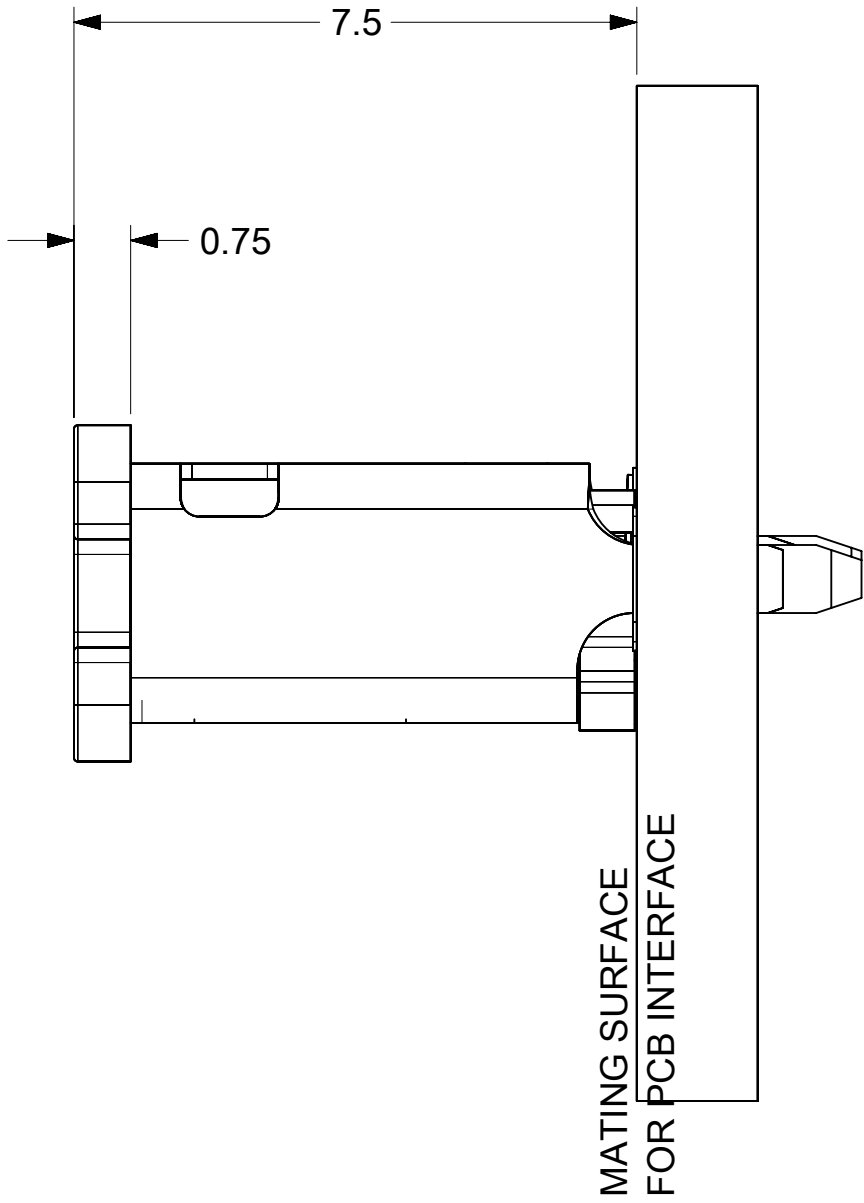
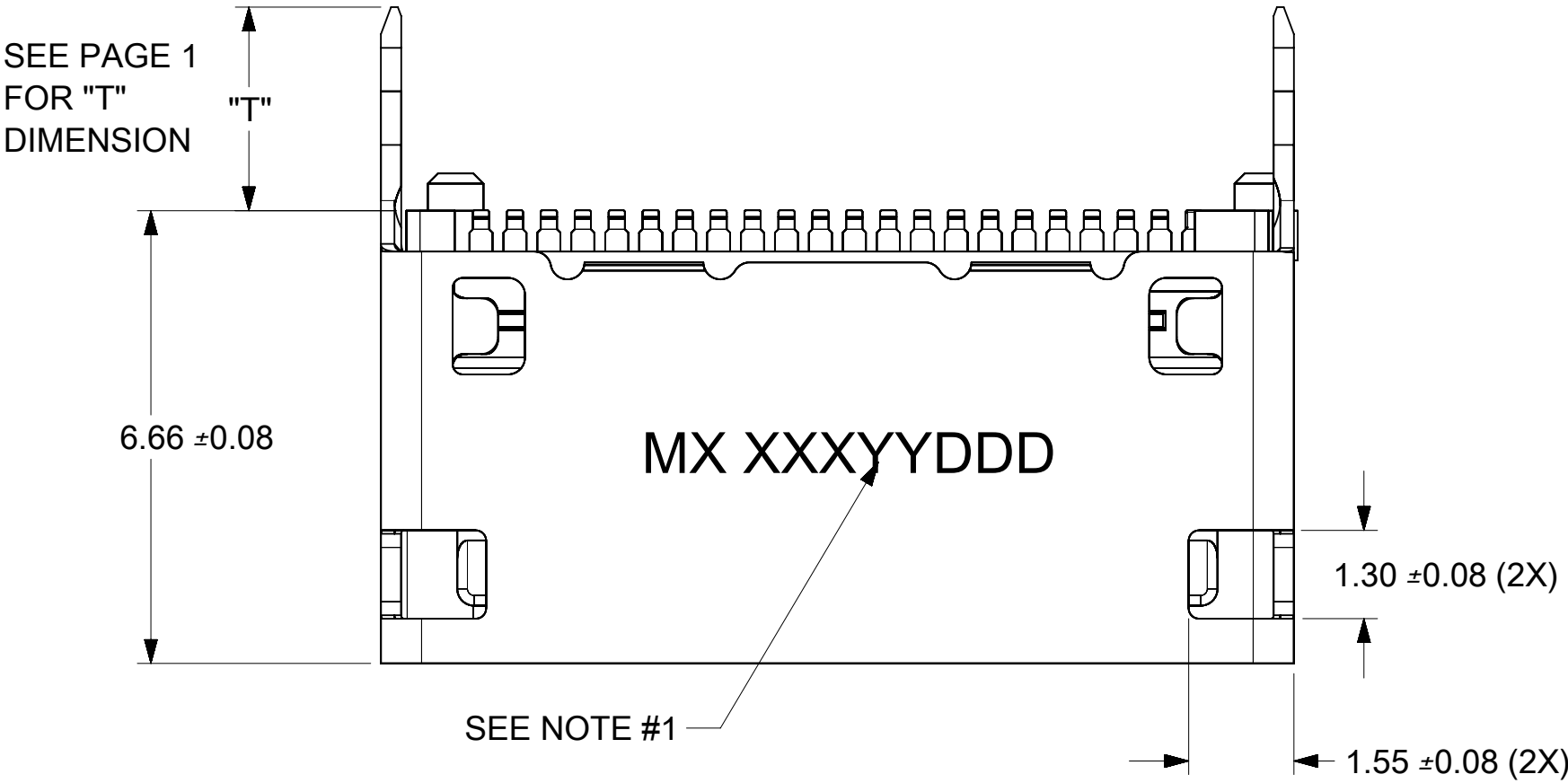


NOTES:

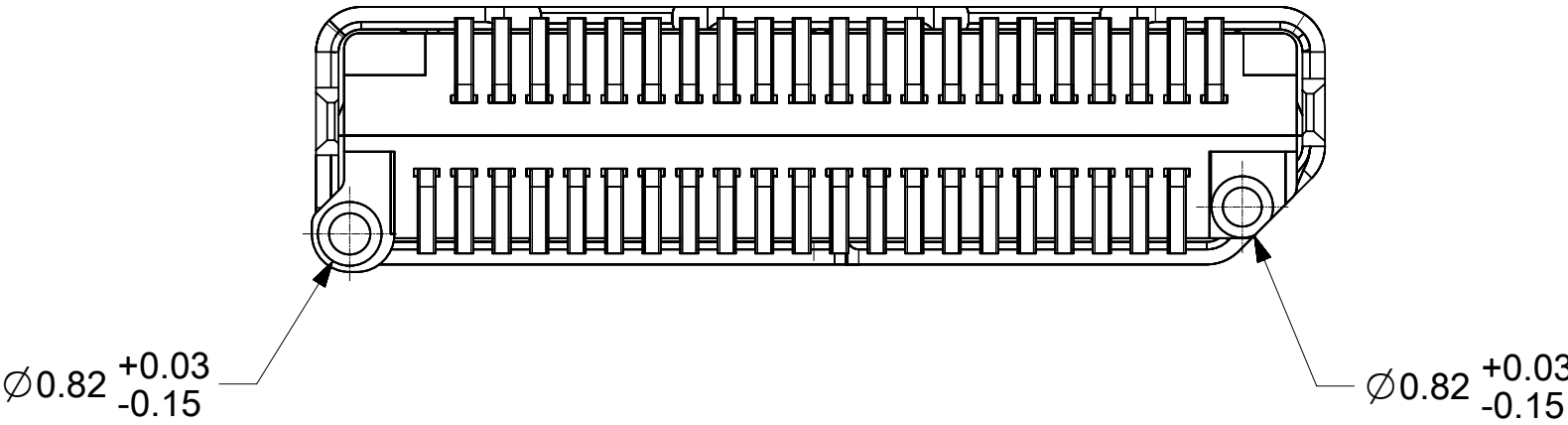
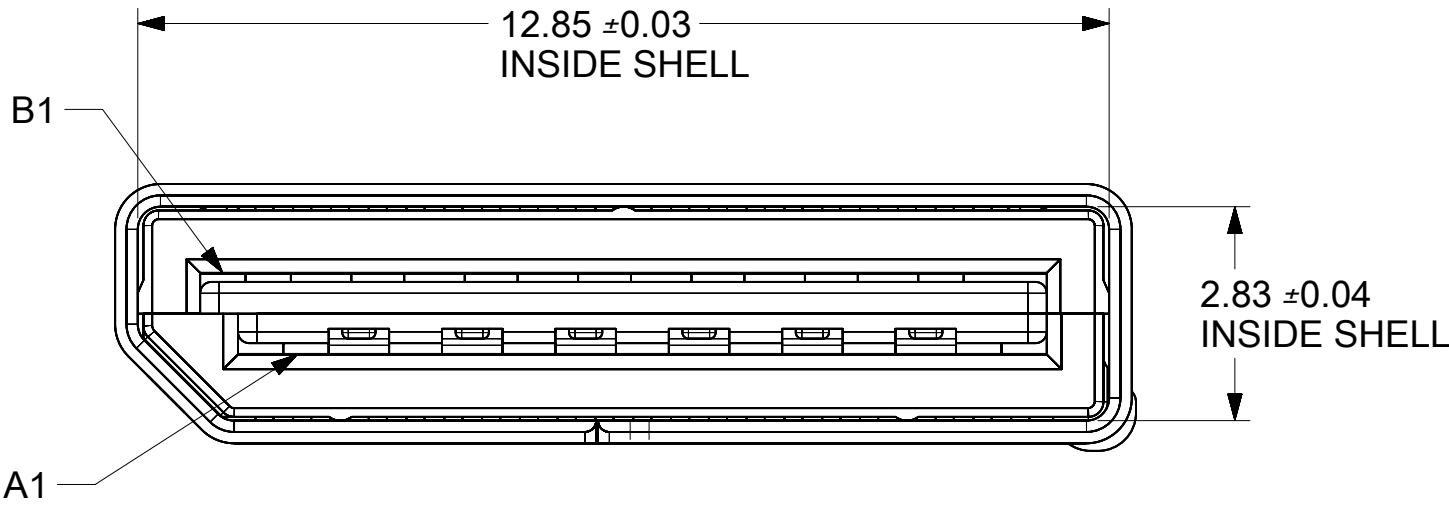
1. MATERIALS:
HOUSING - GLASS FILLED THERMOPLASTIC, 94V-0
CONTACTS - HIGH PERFORMANCE COPPER ALLOY
SHIELD - STAINLESS STEEL
DUST CAP-GLASSFILLED THERMOPLASTIC 94V-0
COLOR:BLACK
2. FINISH:
CONTACTS - 0.76µm MIN. GOLD MATING SIDE
0.05µm GOLD FLASH ON SOLDER TAILS
2.0µm MIN. NICKEL UNDERPLATE OVERALL

SMT/TH SHIELD - MATTE TIN OVER 1.27µm MIN. NICKEL
XD SHIELD-MATT TIN ON SOLDER LEGS ONLY
3. PRODUCT SPECIFICATION: PS-171982-0001
4. PACKAGING SPECIFICATION: PK-171982-9000
5. MATES WITH: MOLEX CABLE SERIES 100436
COMPLIES WITH PCI EXPRESS OCULINK REV.1.0 SPECIFICATION
6. APPLICATION SPECIFICATION: AS-173162-0001
7. COSMETIC SPECIFICATION: PS-173162-0001,CLASS C

42 CIRCUIT TH ASSEMBLY



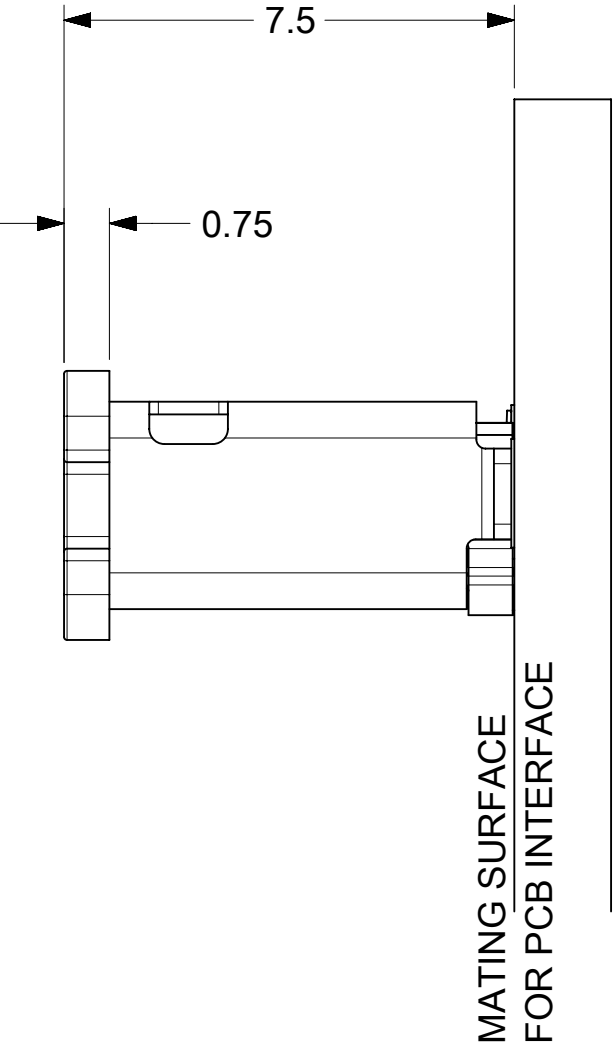
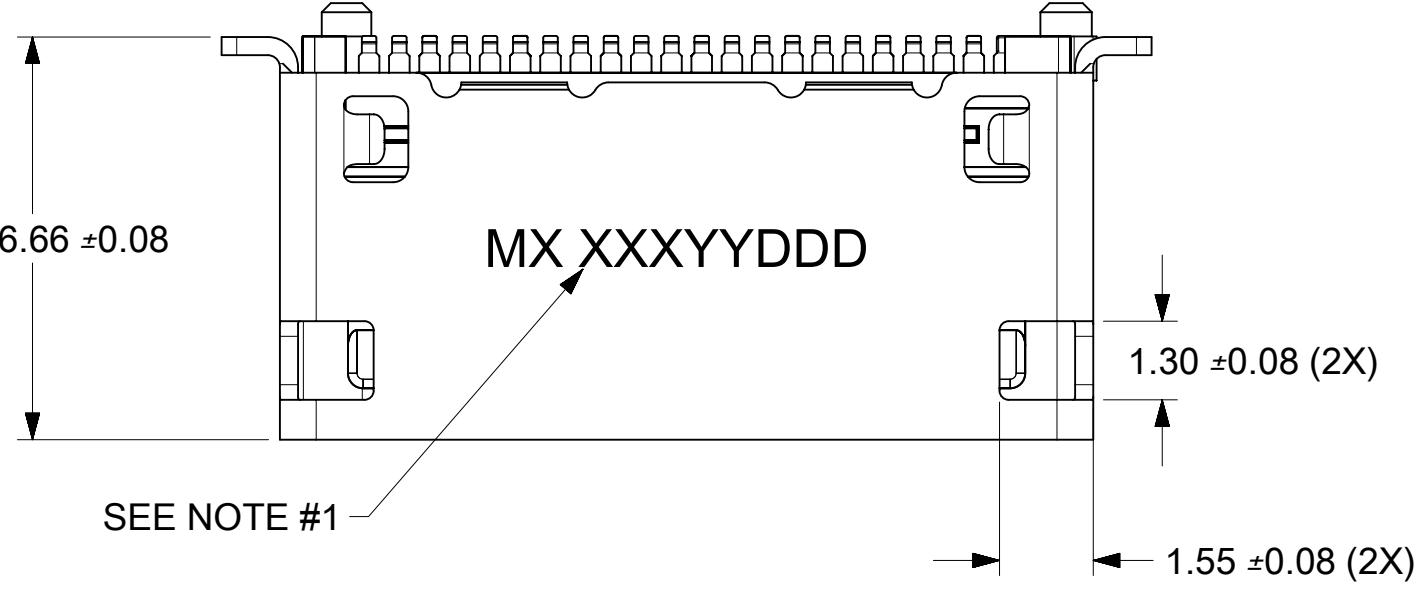
WITH CAP



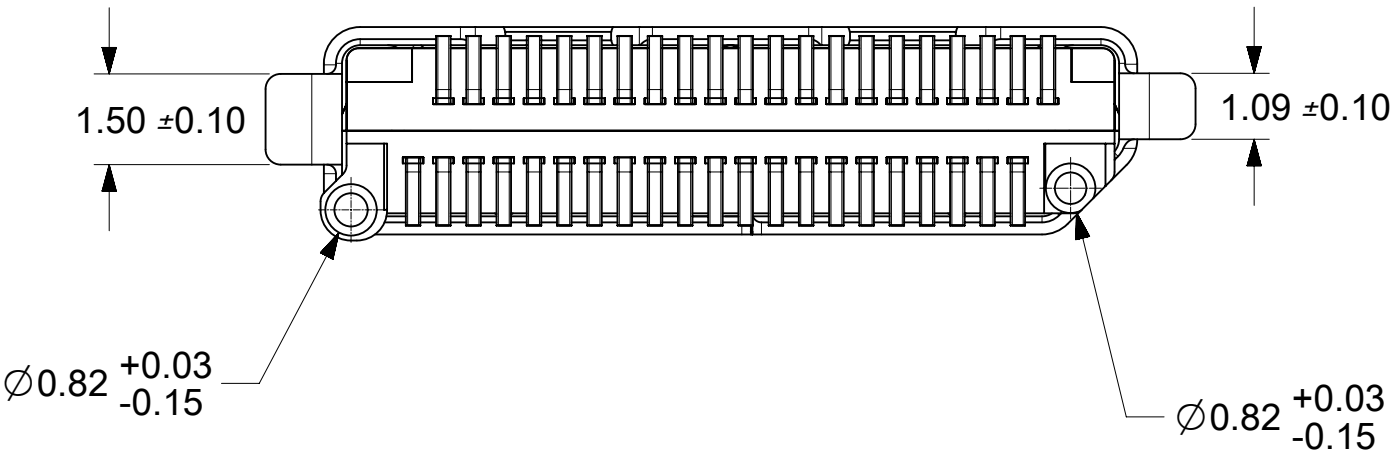
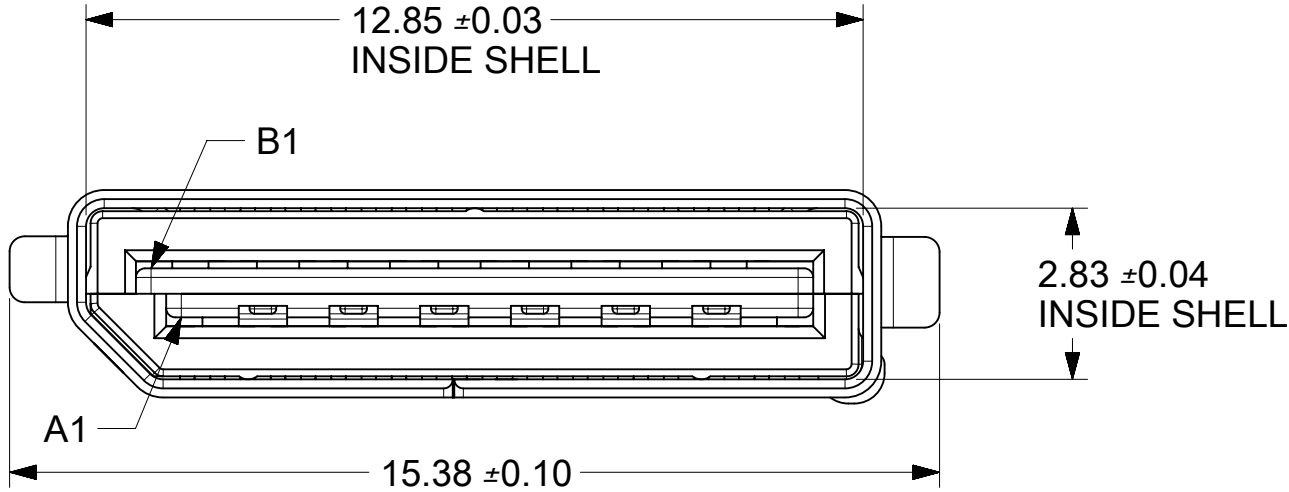
- NOTES:
1. PLANT CODE, MANUFACTURED DATE CODE (JULIAN CALENDAR) AND PART NUMBER
 2. SOLDER TAIL COPLANARITY 0.10 MAX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
MIGRATED TO NX EC NO: 176155 DRWN: CCHEN103 CHKD: JKACHLIC REV APPR: JKACHLIC	2018/05/24 2018/05/31 2018/05/31	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	molex®					
				MM	10:1						
				DRWN BY	DATE	NANO PITCH I/O VERTICAL 4X					
		4 PLACES	±								
		3 PLACES	±								
		2 PLACES	±	0.13							
		1 PLACES	±	0.25		PRODUCT CUSTOMER DRAWING					
		0 PLACES	±								
		ANGULAR TOL ± 0.5		APPR BY	DATE	SERIES		MATERIAL NUMBER		CUSTOMER	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MBANAKIS	2015/11/09	171983		SEE CHART		GENERAL MARKET	
				DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
K	REV			C		SD-171983-1000		PSD	001	2 OF 7	

42 CIRCUIT SMT ASSEMBLY



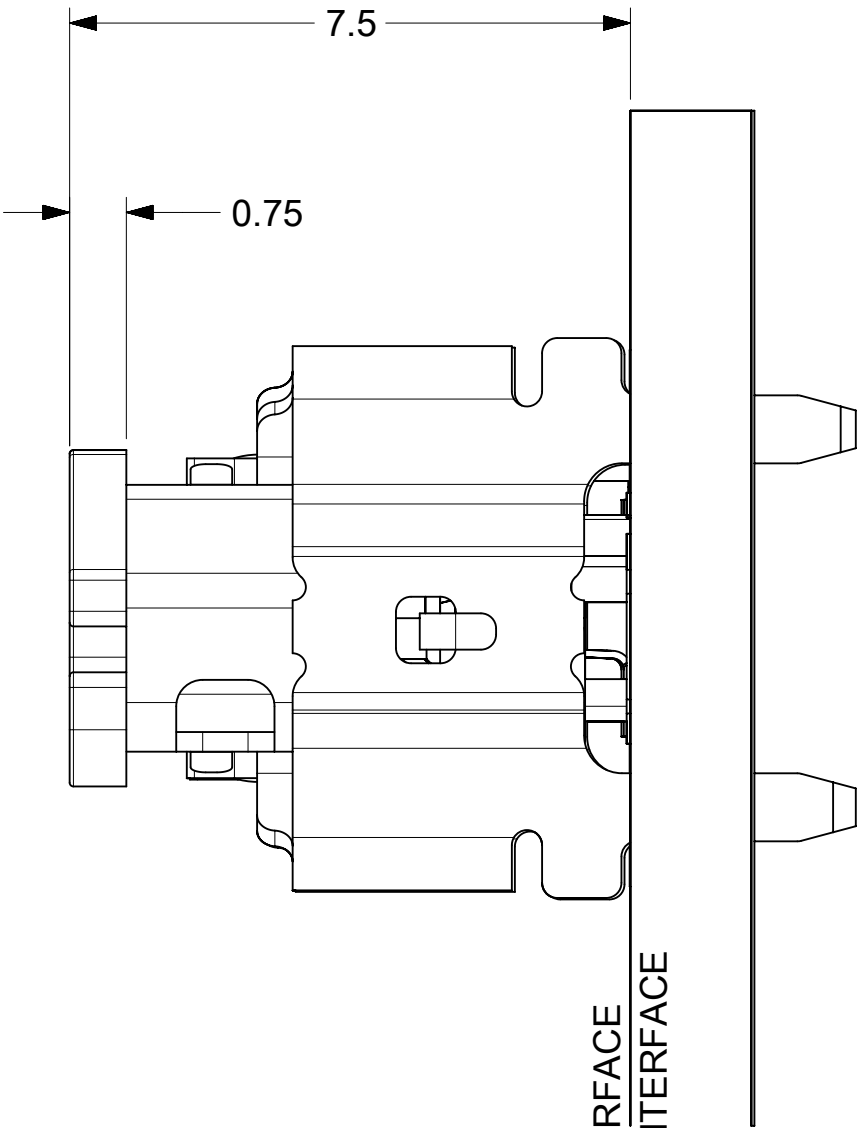
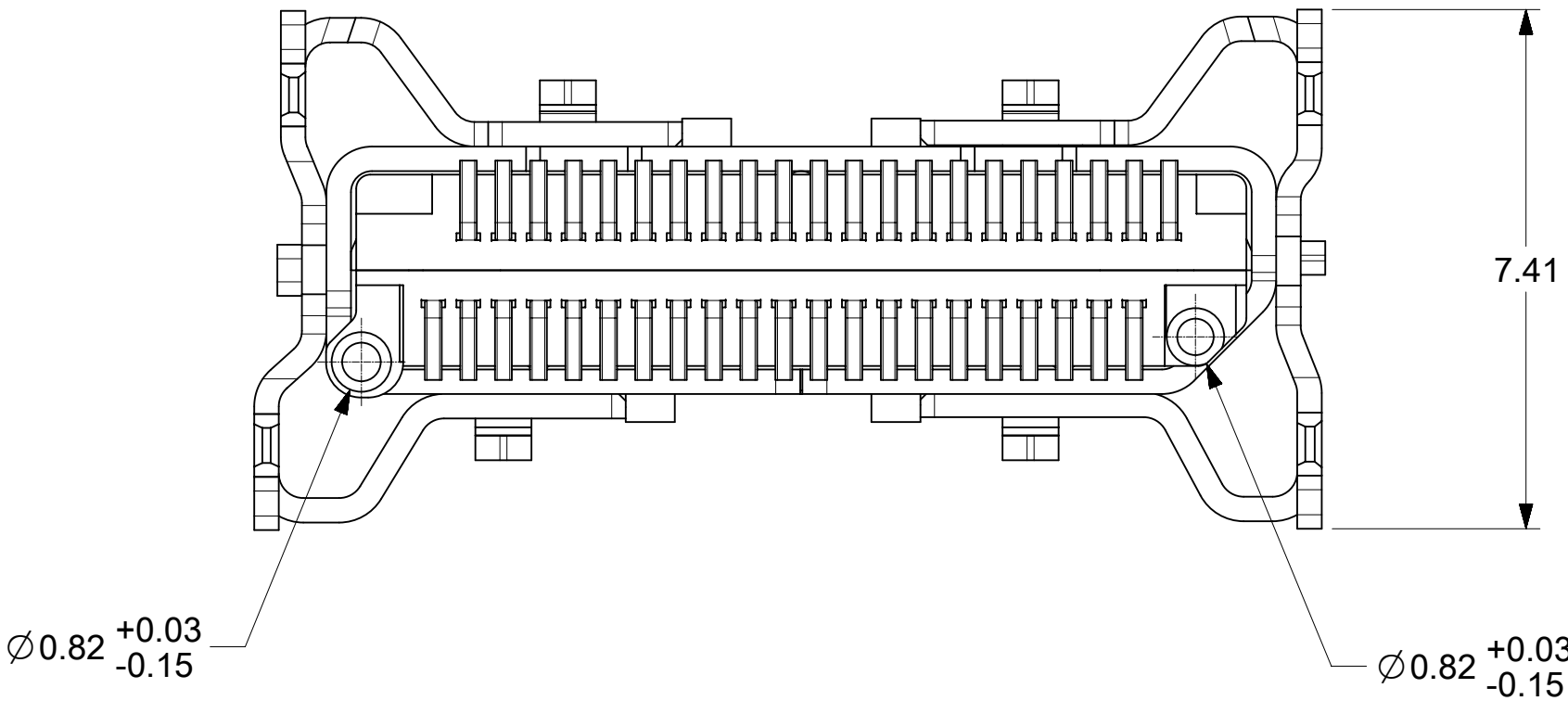
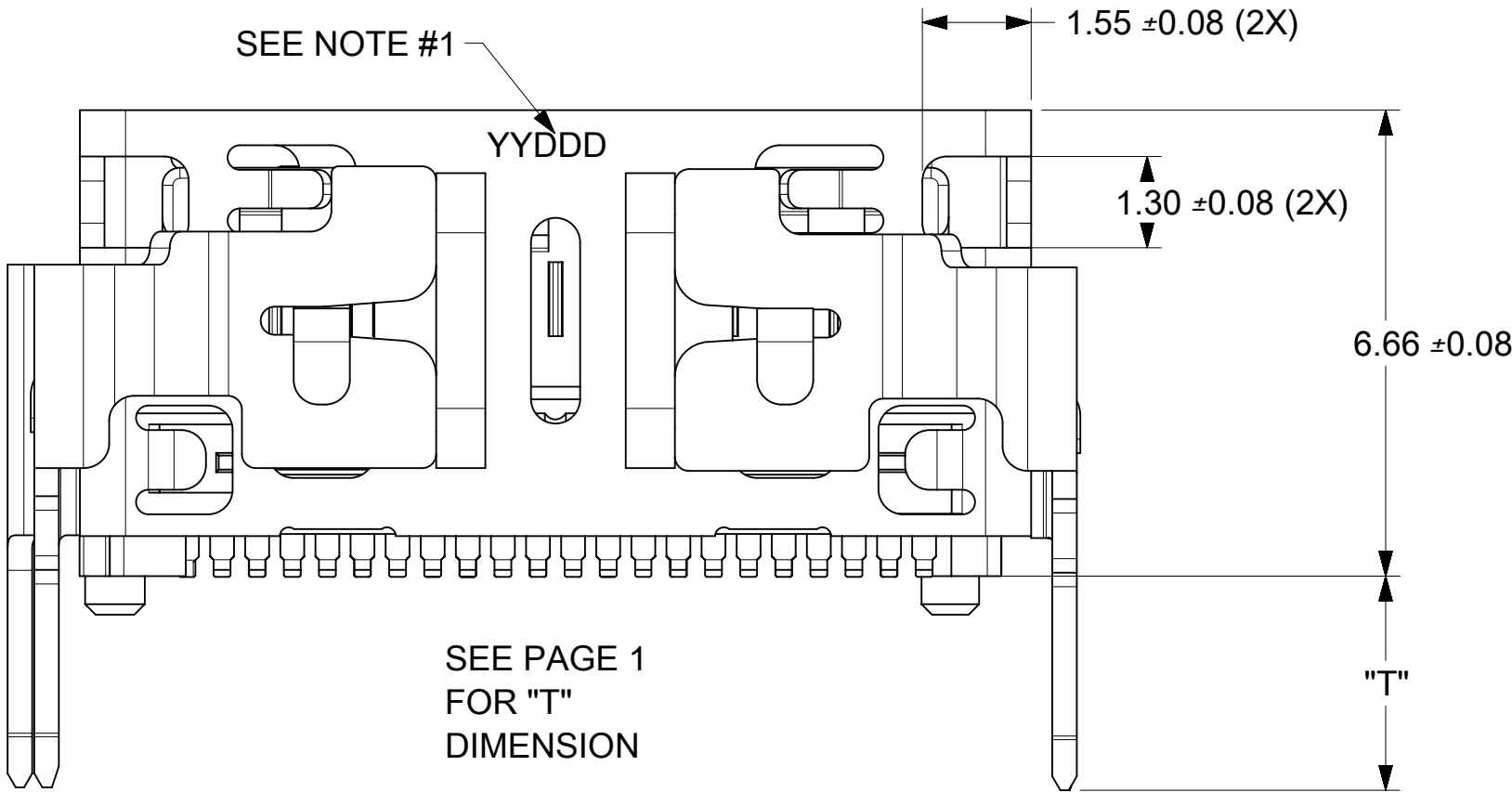
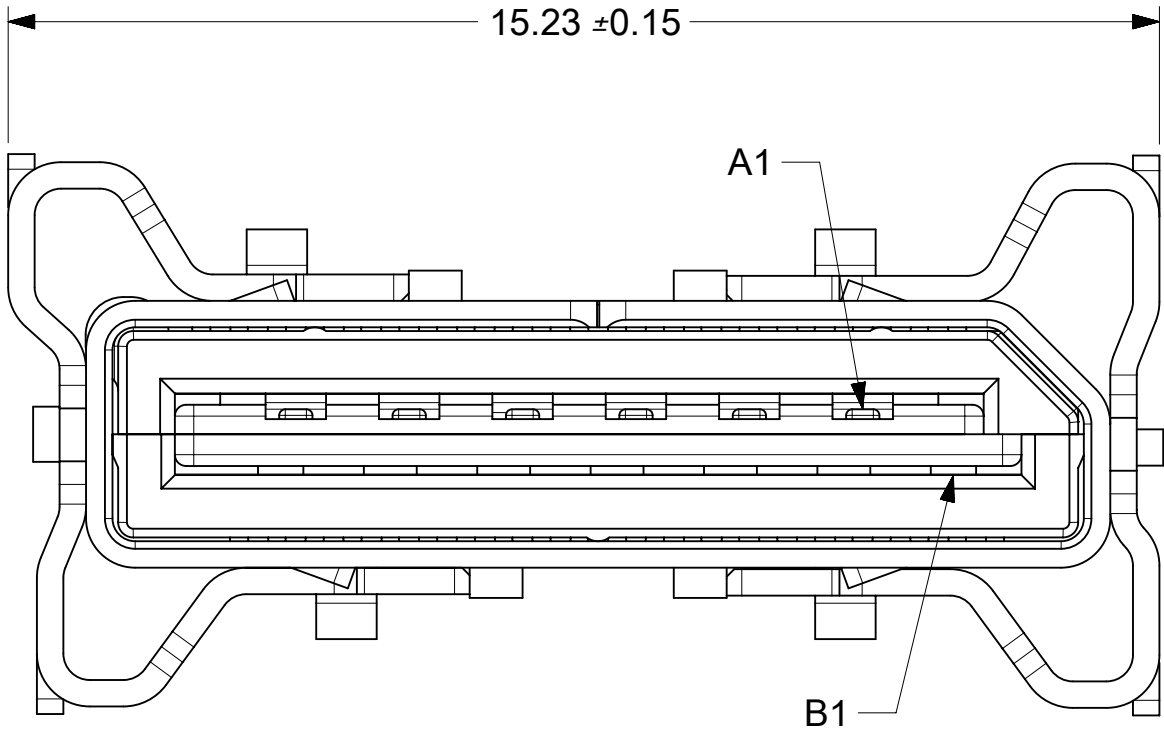
WITH CAP



- NOTES:
1. PLANT CODE, MANUFACTURED DATE CODE (JULIAN CALENDAR) AND PART NUMBER
 2. SOLDER TAIL COPLANARITY 0.10 MAX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
MIGRATED TO NX EC NO: 176155 DRWN: CCHEN103 CHKD: JKACHLIC REV APPR: JKACHLIC		2018/05/24 2018/05/31 2018/05/31	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® NANO PITCH I/O VERTICAL 4X					
				MM	INCH	MM		8:1							
		4 PLACES	±	±	DRWN BY		DATE		MJANTELEZIO 2015/10/22						
		3 PLACES	±	±	CHK'D BY		DATE								
		2 PLACES	±	0.13	±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
		1 PLACES	±	0.25	±										
		0 PLACES	±	±	MBANAKIS		2015/11/09		SERIES		MATERIAL NUMBER		CUSTOMER		
		ANGULAR TOL ± 0.5			DRAWING SIZE		THIRD ANGLE PROJECTION		171983		SEE CHART		GENERAL MARKET		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			C				DOCUMENT NUMBER		DOC TYPE		DOC PART	SHEET NUMBER	
		K	REV							SD-171983-1000		PSD		001	3 OF 7

42 CIRCUIT XD ASSEMBLY

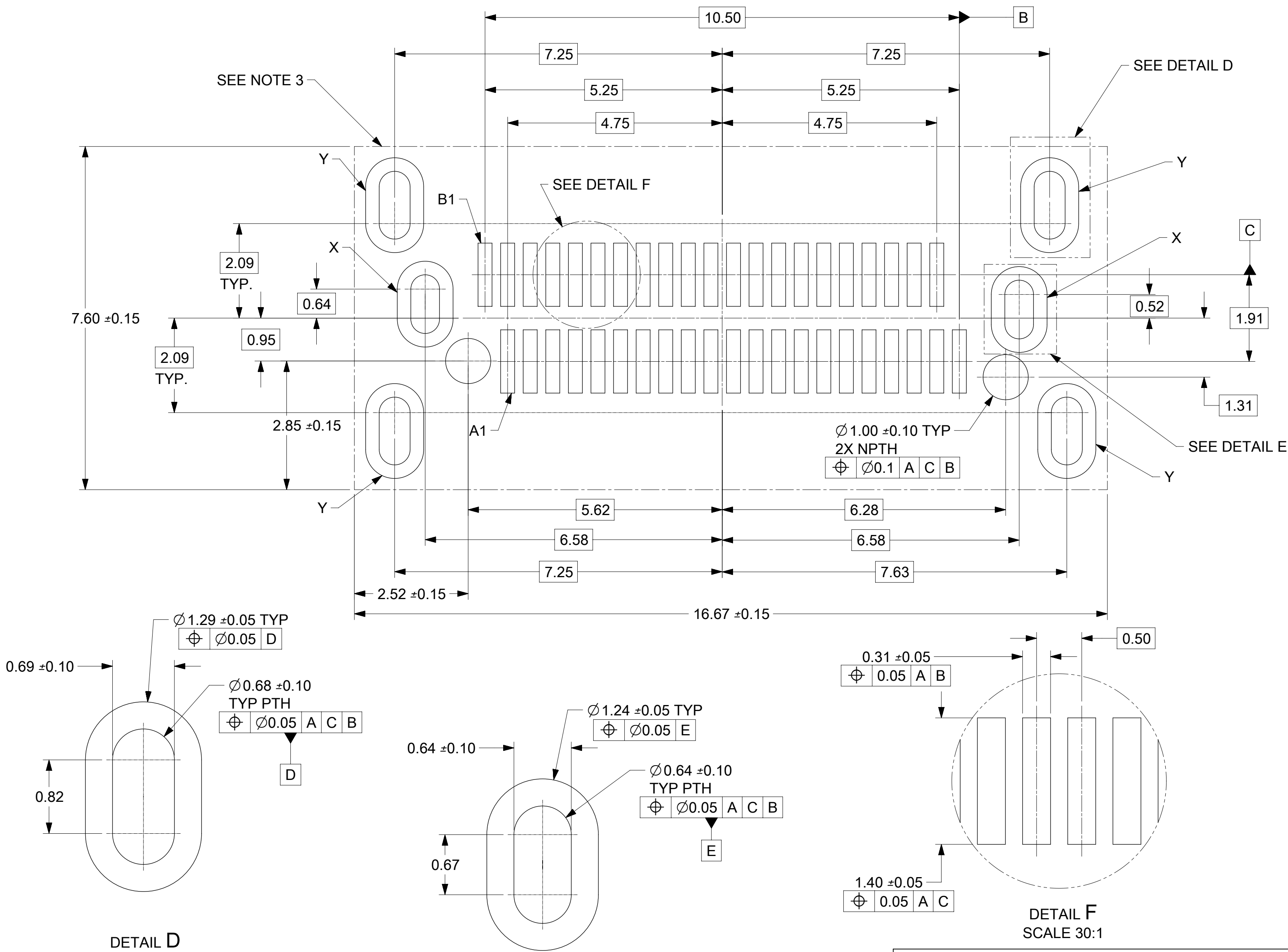


WITH CAP

- NOTES:
1. MANUFACTURED DATE CODE (JULIAN CALENDAR)
 2. SOLDER TAIL COPLANARITY 0.10 MAX

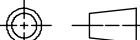
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
MIGRATED TO NX EC NO: 176155 DRWN: CCHEN103 CHKD: JKACHLIC REV APPR: JKACHLIC	2018/05/24 2018/05/31 2018/05/31	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		<div>molex®</div>								
			MM	INCH	MM		10:1										
		4 PLACES ± ±			DRWN BY		DATE		NANO PITCH I/O VERTICAL 4X								
		3 PLACES ± ±			MJANTELEZIO		2015/10/22										
		2 PLACES ± 0.13 ±			CHK'D BY		DATE										
		1 PLACES ± 0.25 ±			APPR BY		DATE		PRODUCT CUSTOMER DRAWING								
		0 PLACES ± ±			MBANAKIS		2015/11/09										
		ANGULAR TOL ± 0.5			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER			CUSTOMER			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			C				171983		SEE CHART			GENERAL MARKET			
		K		REV							DOCUMENT NUMBER			DOC TYPE		DOC PART	
									SD-171983-1000			PSD		001		4 OF 7	

42 CIRCUIT COMMON TAIL/XD RECOMMENDED FOOTPRINT



NOTES:

1. MINIMUM RECOMMENDED SPACING BETWEEN ADJACENT CONNECTOR IS 19.05mm
2. MINIMUM RECOMMENDED PCB THICKNESS: 1.57mm
3. CONNECTOR KEEP OUT AREA
4. DATUM -A- ESTABLISHED FROM TOP SURFACE OF PCB
5. COMMON FOOTPRINT SHOWN FOR XD ONLY PATTERN USE ONLY PTH DENOTED "Y" FOR TH ONLY PATTERN USE ONLY PTH DENOTED "X"

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MIGRATED TO NX EC NO: 176155 DRWN: CCHEN103 CHKD: JKACHLIC REV APPR: JKACHLIC		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		<div>molex®</div>						
				MM		15:1								
			MM	INCH	DRWN BY		DATE		NANO PITCH I/O VERTICAL 4X					
		4 PLACES	±	±	MJANTELEZIO		2015/10/22							
		3 PLACES	±	±	CHK'D BY		DATE							
		2 PLACES	± 0.13	±	APPR BY		DATE							
		1 PLACES	± 0.25	±	MBANAKIS		2015/11/09		PRODUCT CUSTOMER DRAWING					
		0 PLACES	±	±	DRAWING SIZE		THIRD ANGLE PROJECTION							
ANGULAR TOL ± 0.5		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C				SERIES		MATERIAL NUMBER		CUSTOMER		
								171983		SEE CHART		GENERAL MARKET		
K	REV							DOCUMENT NUMBER		DOC TYPE		DOC PART	SHEET NUMBER	
								SD-171983-1000		PSD		001	6 OF 7	

