

PRODUCT NUMBERING

10035691 X X X XX

NOTES:

1. MATERIAL

- i) HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0
- ii) TERMINAL : COPPER ALLOY
- iii) HOLD DOWN: COPPER ALLOY

2. FINISH

- i) TERMINAL : 15μ" MIN Au PLATING AT CONTACT POINT
100μ" MIN PURE MATT TIN OR GOLD FLASH PLATING AT
SOLDER TAIL WITH NICKEL UNDERPLATE
- ii) HOLD DOWN : 100-200μ" PURE MATT TIN PLATING

3. P/N 10035691-XXXLF, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDER APPLICATION WITH
1.6mm MIN THICK CIRCUIT BOARD

4. PACKAGING SPEC: GS-14-840

5. PRODUCT SPEC : GS-12-194.

6. PRODUCT SPEC : 110-634 FOR 10035691-033LF, -023LF ONLY.

-  7. ALTERNATIVE PRODUCT SPEC. GS-12-200 (FOR CABLE APPLICATION).

BLANK: PLATING TIN/LEAD
LF: PLATING LEAD FREE

- 2: METAL CLIP A WITH TIN AT SOLDER TAIL
- 3: METAL CLIP b WITH TIN AT SOLDER TAIL
- 4: METAL CLIP B WITH G/F AT SOLDER TAIL
- 5: METAL CLIP C WITH TIN AT SOLDER TAIL
- 6: METAL CLIP D WITH G/F AT SOLDER TAIL
-  7: METAL CLIP B WITH TIN AT SOLDER TAIL
(30μ" [0.76μm] GOLD AT CONTACT)
- S: METAL CLIP B WITH TIN AT SOLDER TAIL
5μ" GOLD AT CONTACT

- 0: TUBE PACKING
- 1: T&R PACKING
- 2: T&R WITH CAP (NOTE 6)
- 3: TRAY WITH CAP (NOTE 6)

HOUSING
0: BLACK
1: BLUE

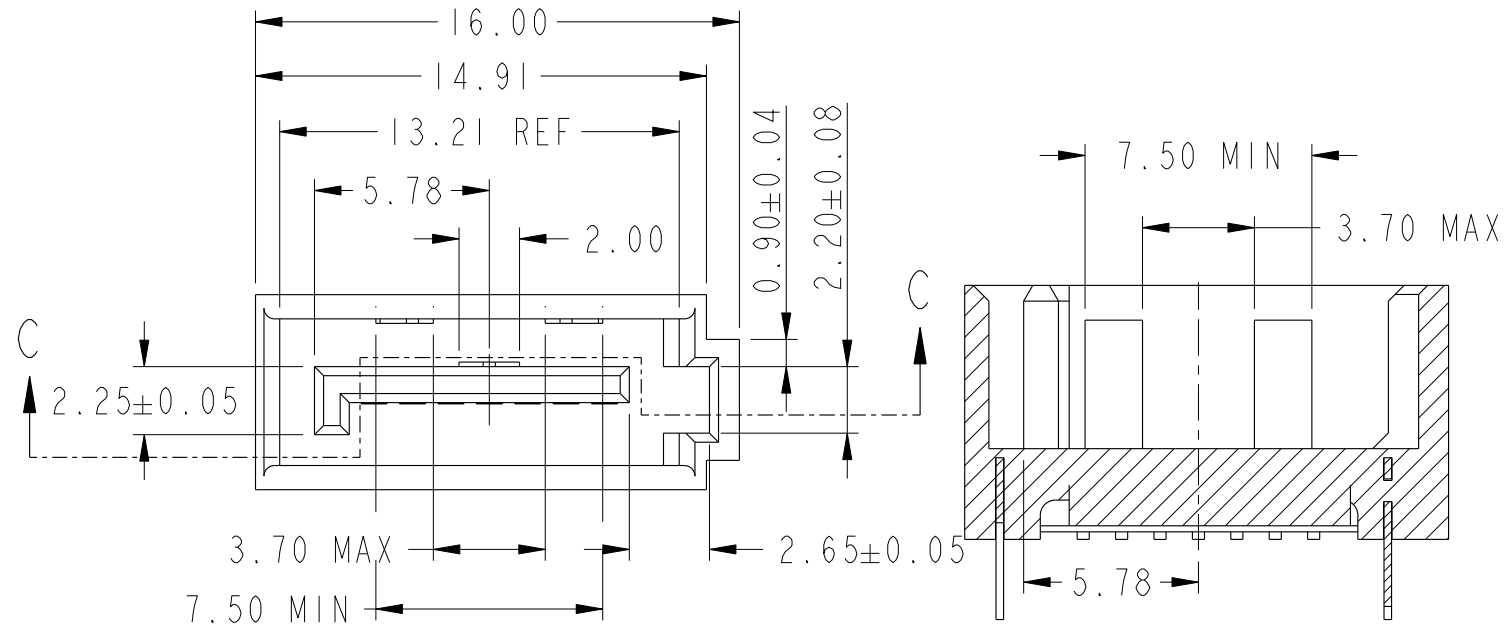
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		WADE LIU		2005-09-09						ecn no		ELX-S-29996-1					
-						chr		WADE LIU		2005-09-09						rel level		Released					
-						appr		STERLING LIN		2005-09-09						product family		-					
surface						linear				Amphenol FCI		title		S-ATA SIGNAL PLUG SMT VERTICAL TYPE ASSY		dwg no		10035691		rev		J	
-		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 1 of 3							

A

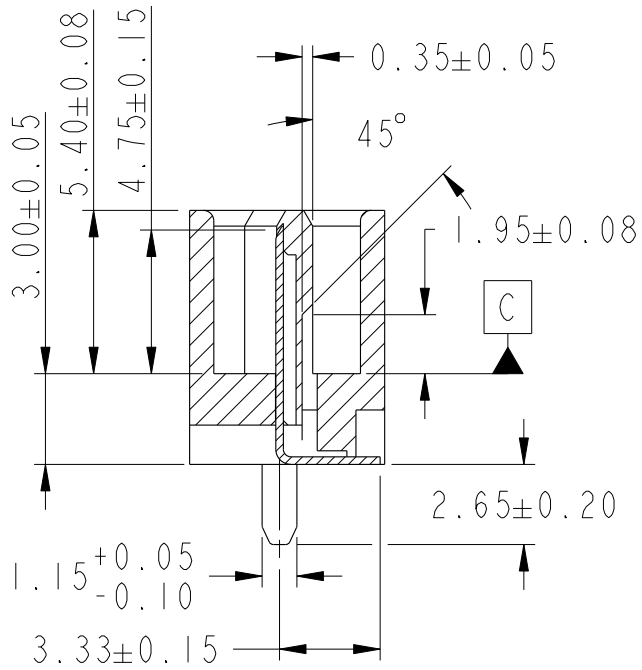
B

C

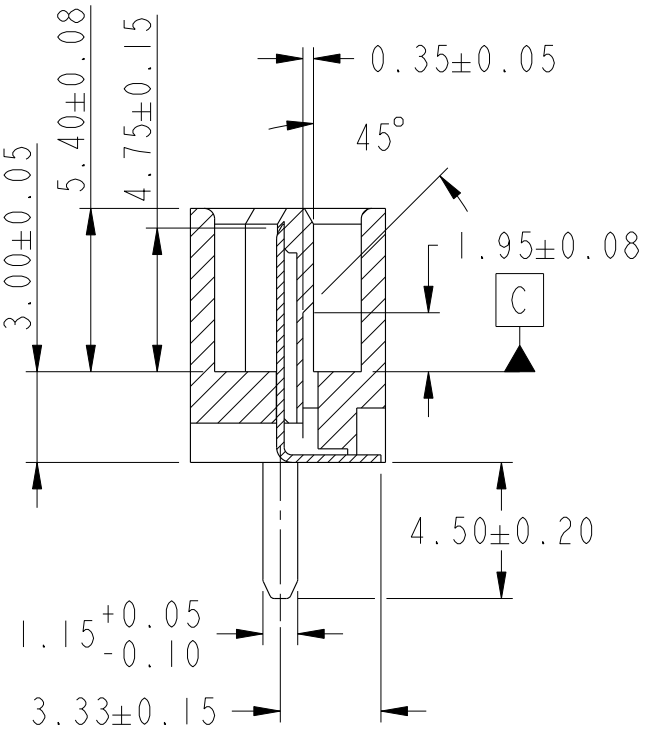
D



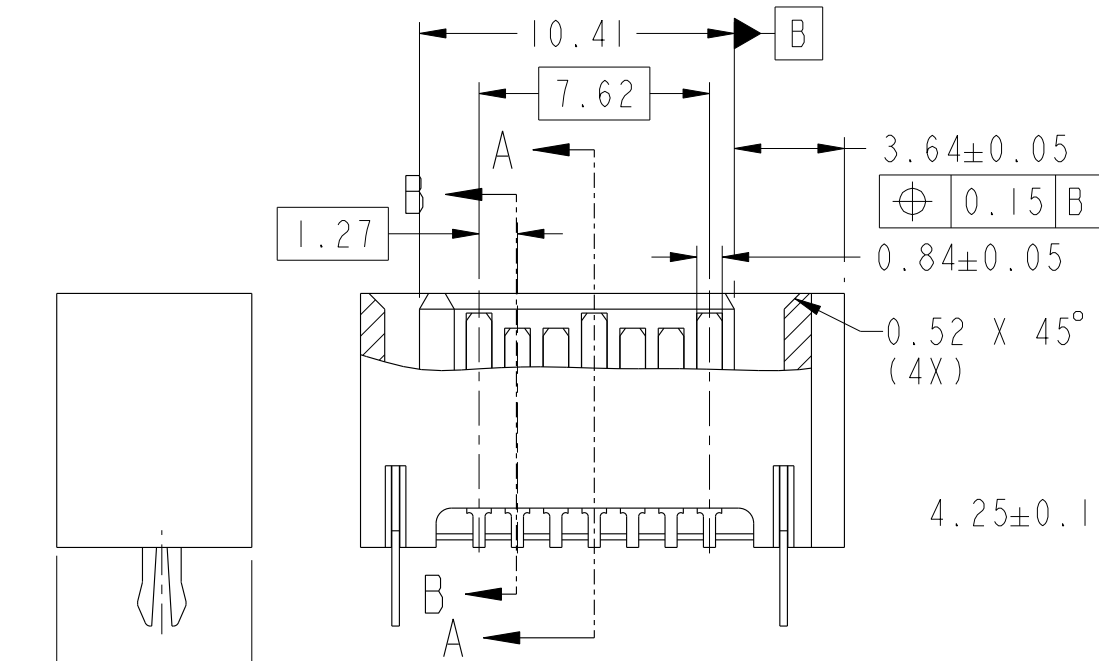
SECTION C-C



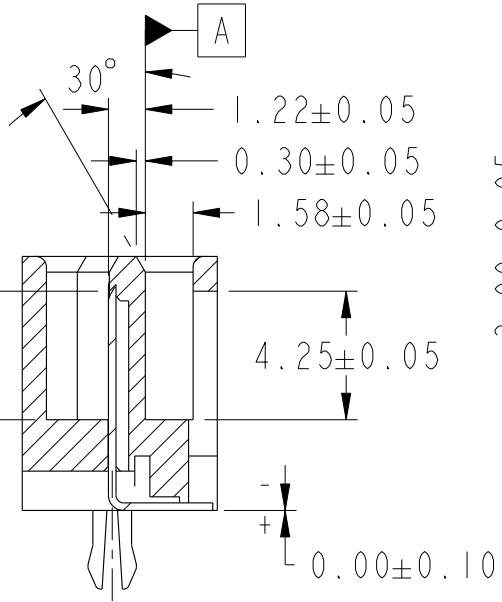
SECTION A-A
METAL CLIP B



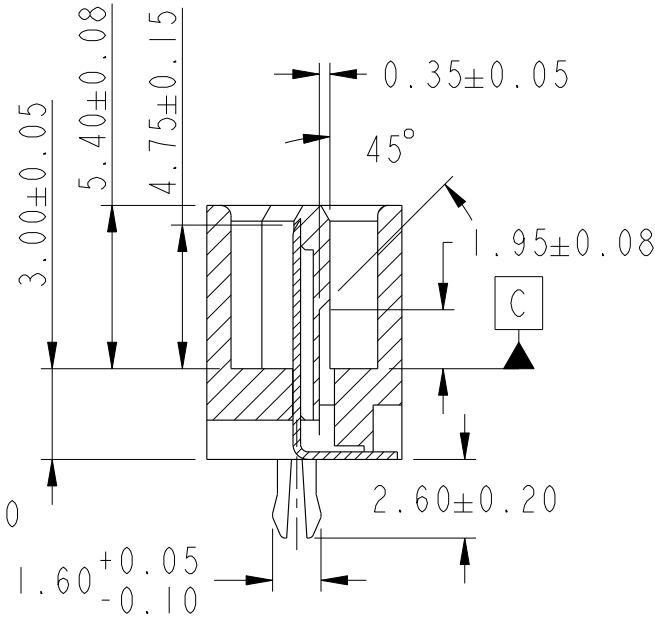
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METAL CLIP D



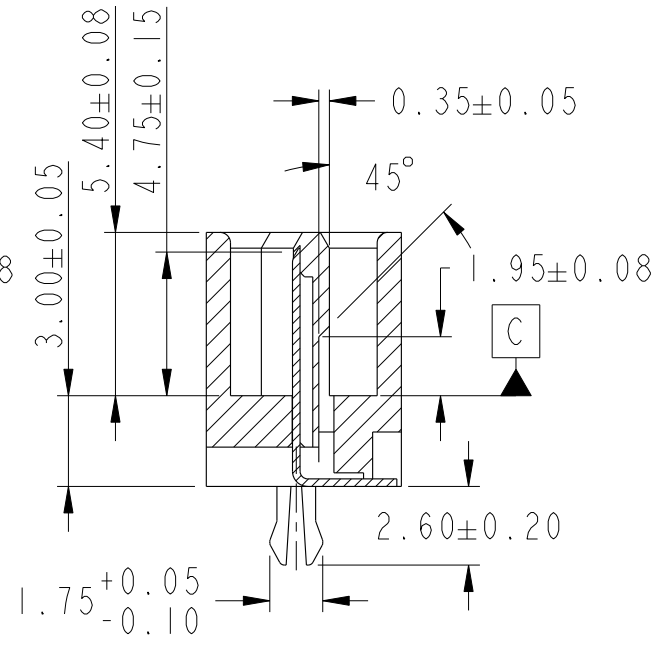
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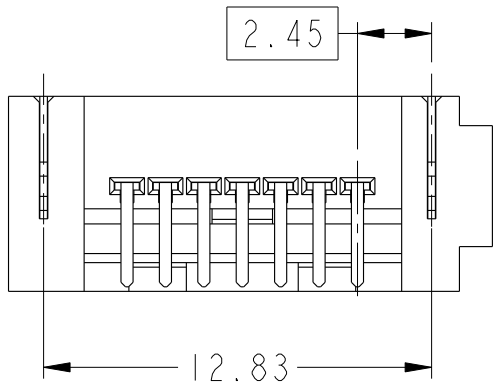
SECTION B-B



SECTION A-A
METAL CLIP A



SECTION A-A
METAL CLIP C



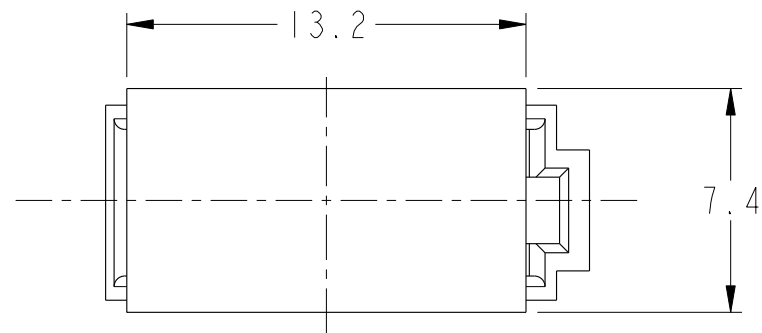
spec ref	-	dr	WADE LIU	2005-09-09	projection	mm	size	A3	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	WADE LIU	2005-09-09			ecn no	ELX-S-29996-1	rel level	Released
-		chr	WADE LIU	2005-09-09						
-		appr	STERLING LIN	2005-09-09						
surface	linear	0.X	±0.30	Amphenol FCi	title	S-ATA SIGNAL PLUG SMT VERTICAL TYPE ASSY	cat. no.	-	Product - Customer Drw	sheet 2 of 3
-	✓	0.XX	±0.20							
-		0.XXX	±0.10							
-	angular	0°	±2°							

A

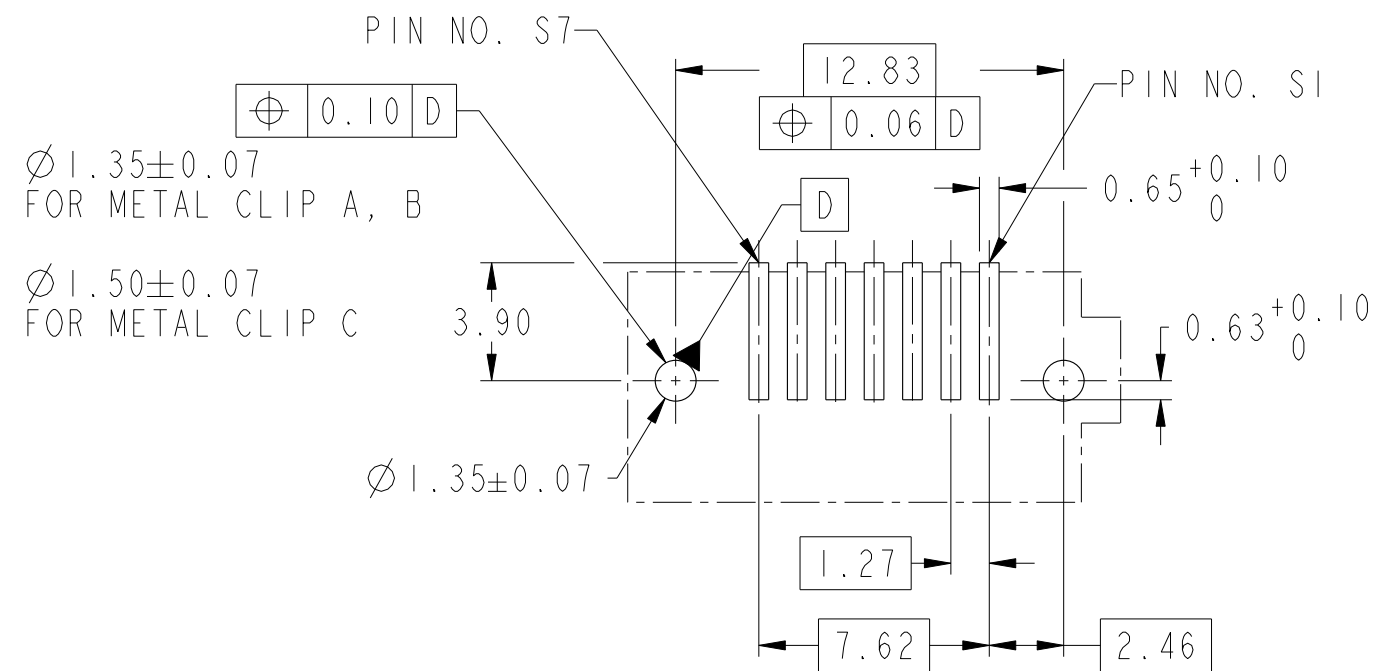
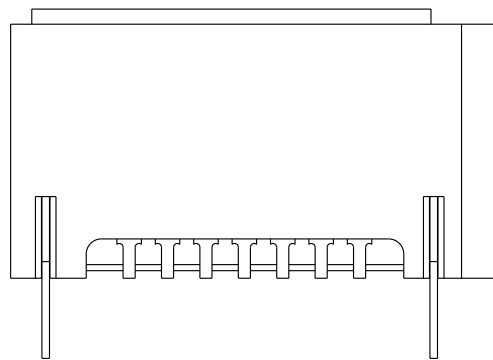
B

C

D



PRODUCT WITH CAP FOR T & R PACKING



RECOMMENDED MOUNTING LAYOUT
RECOMMENDED PCB T = 1.60mm
TOLERANCE UNLESS OTHERWISE : ± 0.1

spec ref -				dr	WADE LIU	2005-09-09	projection	mm	size	A3	scale	4:1	
tolerance std - -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	WADE LIU	2005-09-09			ecn no				ELX-S-29996-1
				chr	WADE LIU	2005-09-09			rel level				Released
				appr	STERLING LIN	2005-09-09			product family				-
surface - ✓	linear	0.X	±0.30	Amphenol FCI	title S-ATA SIGNAL PLUG SMT VERTICAL TYPE ASSY			dwg no	10035691			rev J	
		0.XX	±0.20										
		0.XXX	±0.10										
	-	angular	0°	±2°		cat. no. -			Product - Customer Drw			sheet 3 of 3	