

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.

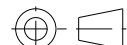
-  7. ALTERNATIVE PRODUCT SPEC. GS-12-200 (FOR CABLE APPLICATION).

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

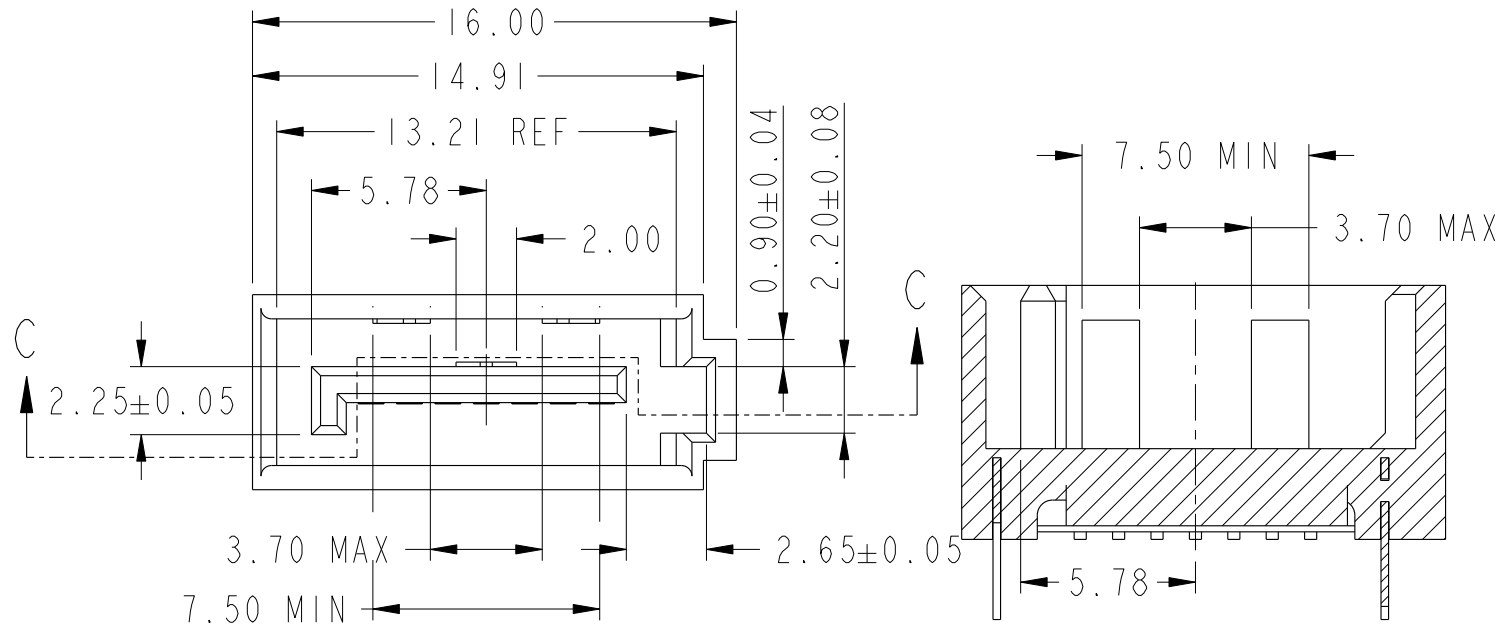
spec ref -				dr	WADE LIU	2005-09-09			size	A3	scale	4:1	
tolerance std - -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	WADE LIU	2005-09-09			ecn no				ELX-S-29996-1
				chr	WADE LIU	2005-09-09			rel level				Released
				appr	STERLING LIN	2005-09-09	product family -						
surface - 	linear	0.X	±0.30		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 1 of 3

A

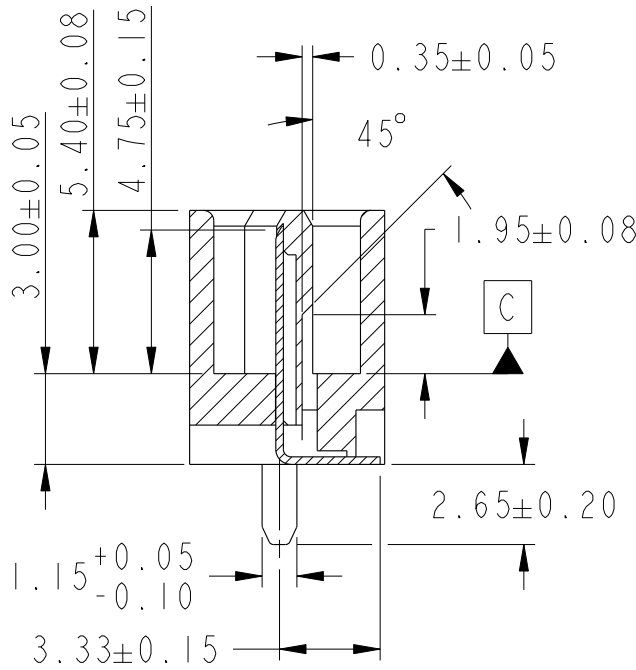
B

C

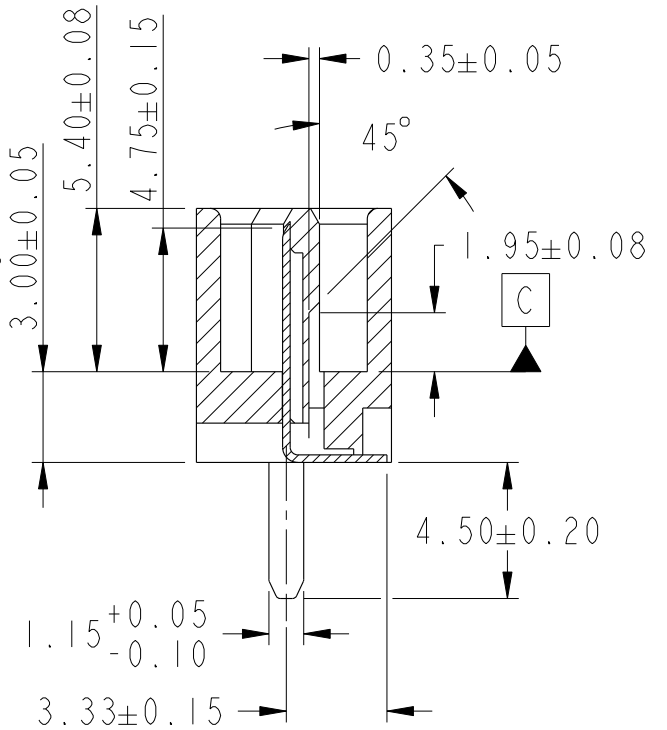
D



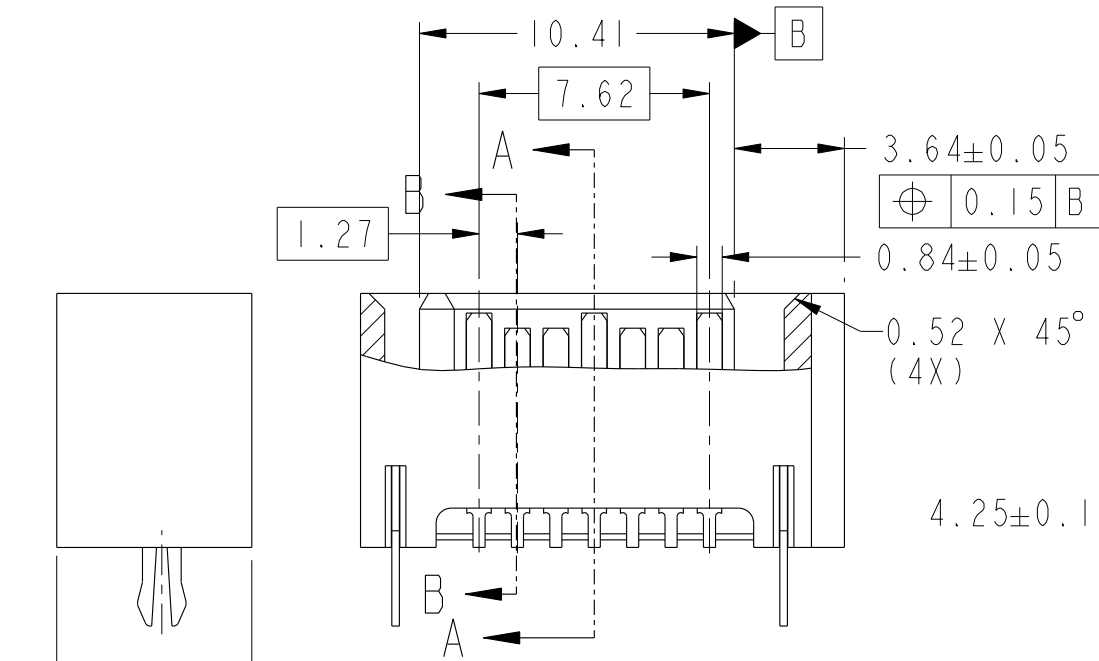
SECTION C-C



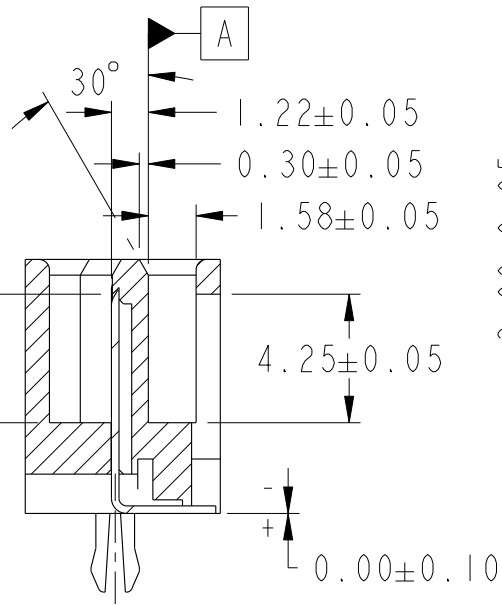
SECTION A-A
METAL CLIP B



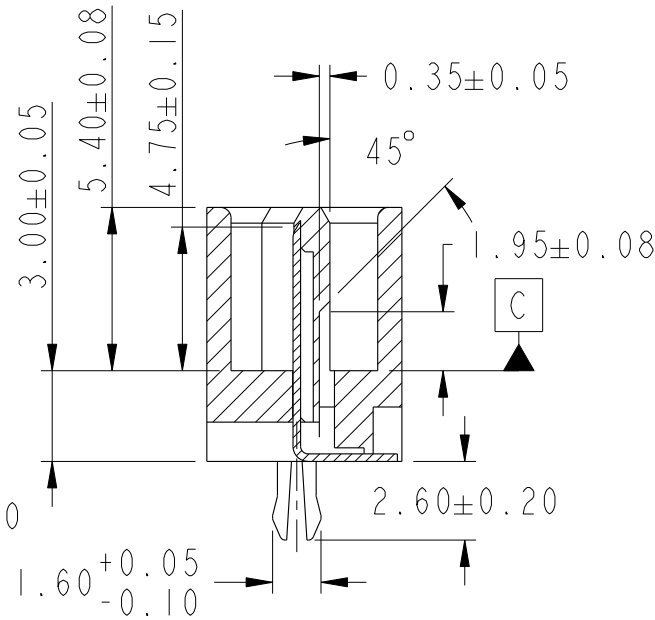
SECTION A-A
METAL CLIP D



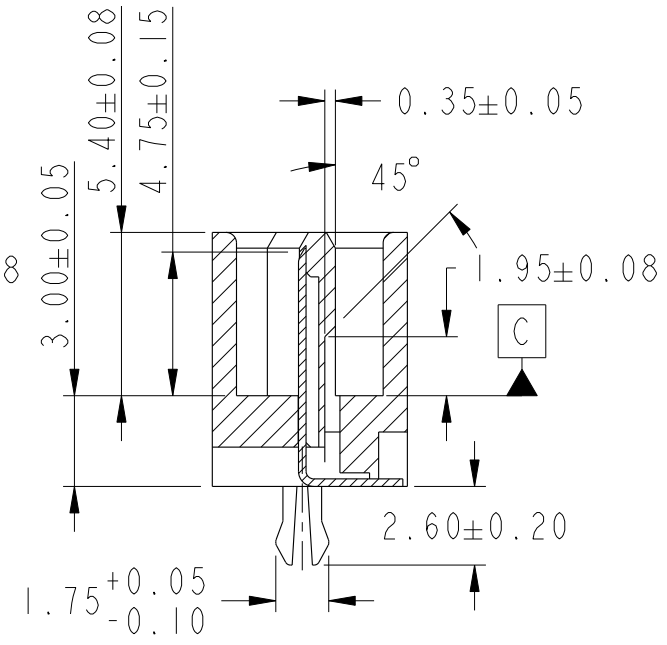
SECTION D-D



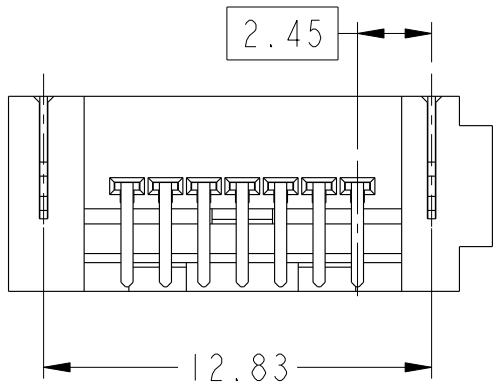
SECTION B-B



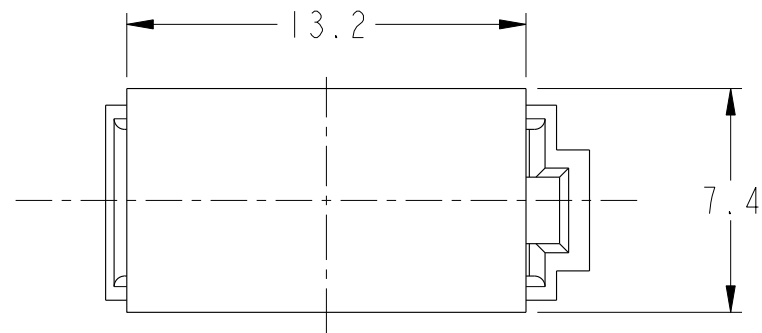
SECTION A-A
METAL CLIP A



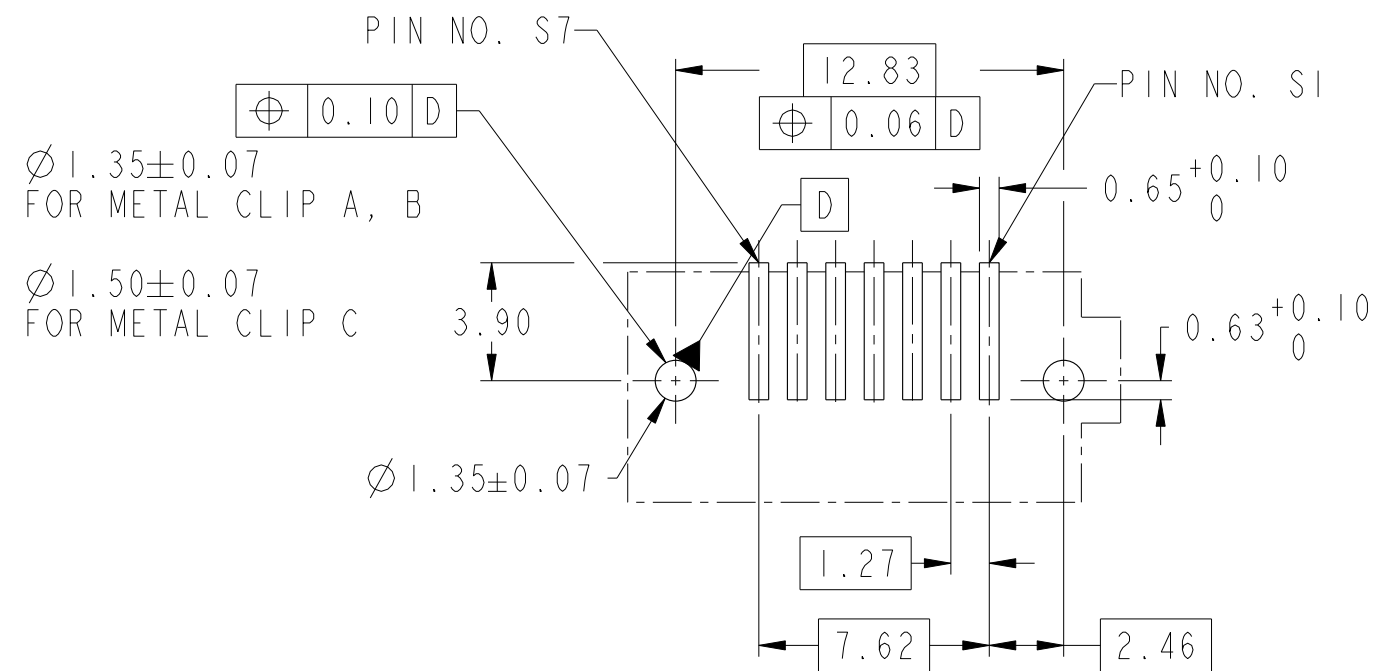
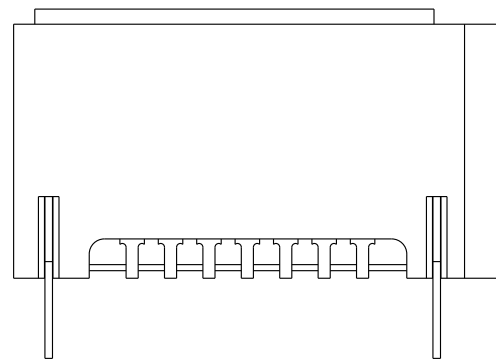
SECTION A-A
METAL CLIP C



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				
-				chr	WADE LIU	2005-09-09								
-				appr	STERLING LIN	2005-09-09	product family		-	rel level			Released	
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 2 of 3			



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	

Mouser Electronics

Authorized Distributor

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[10035691-026LF](#) [10035691-02SLF](#) [10035691-023LF](#) [10035691-032LF](#) [10035691-033LF](#)