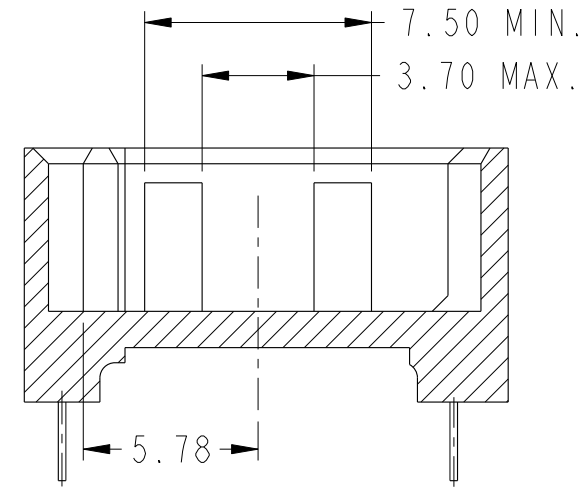
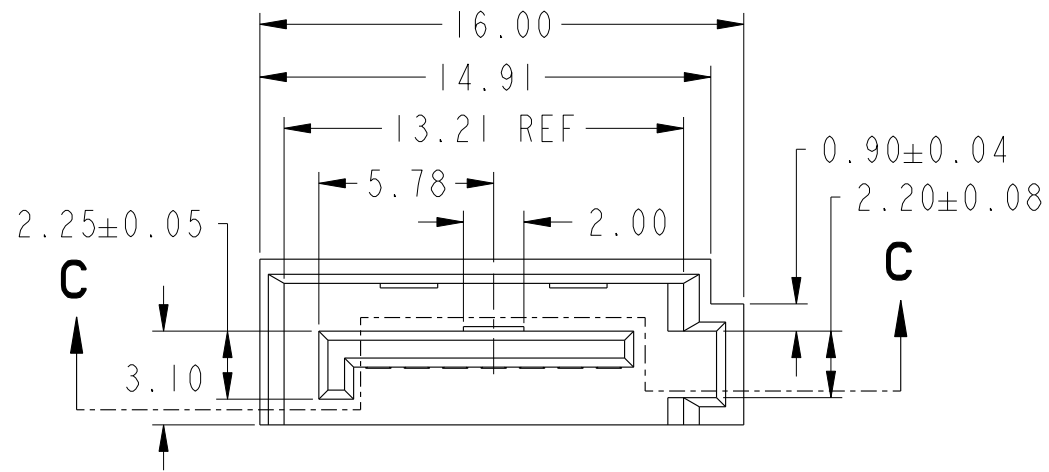
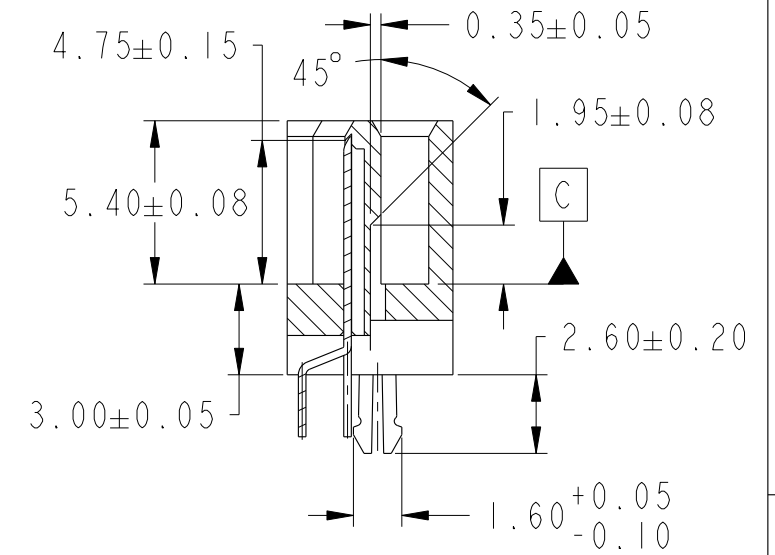


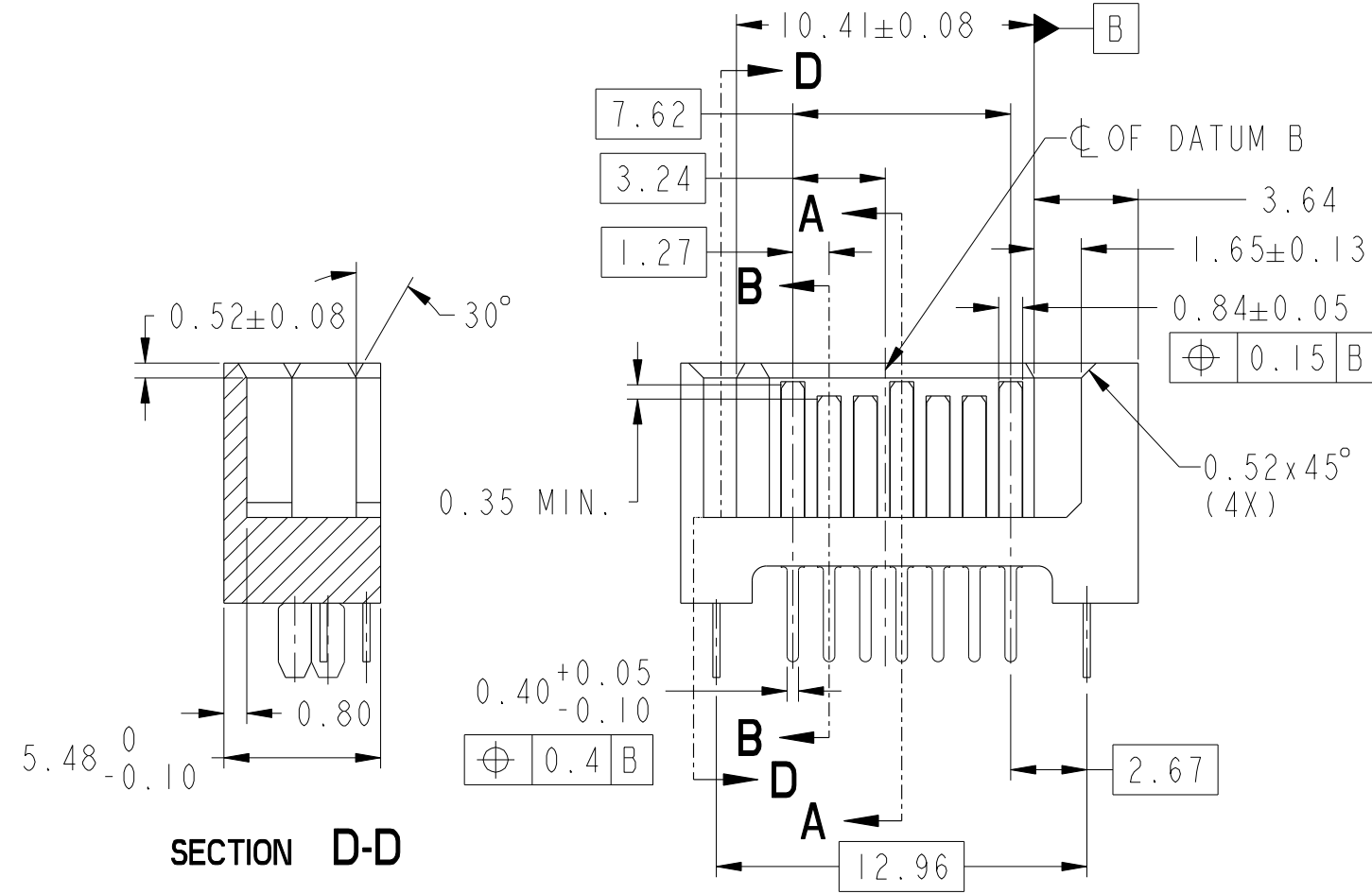
PRODUCT NO.
10035690-XXX-3W



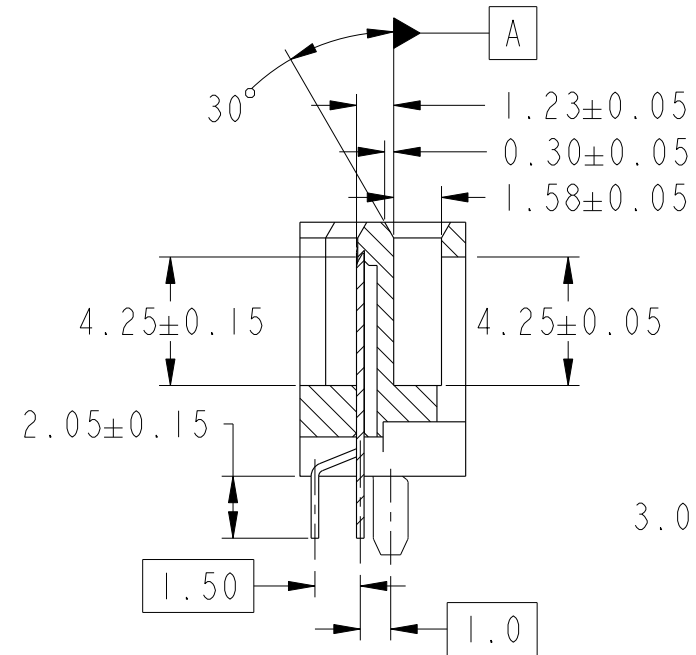
SECTION C-C



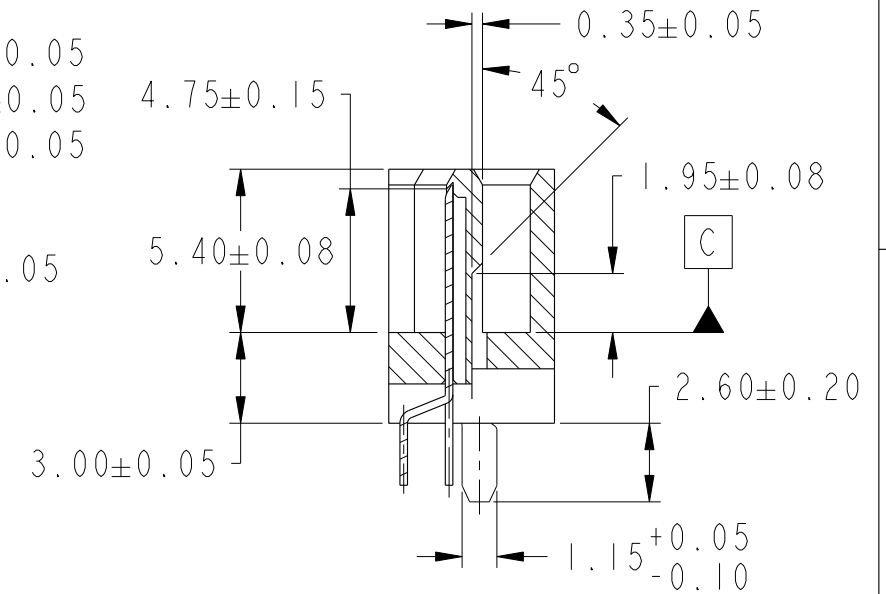
SECTION A-A
METAL CLIP A



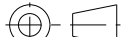
SECTION D-D



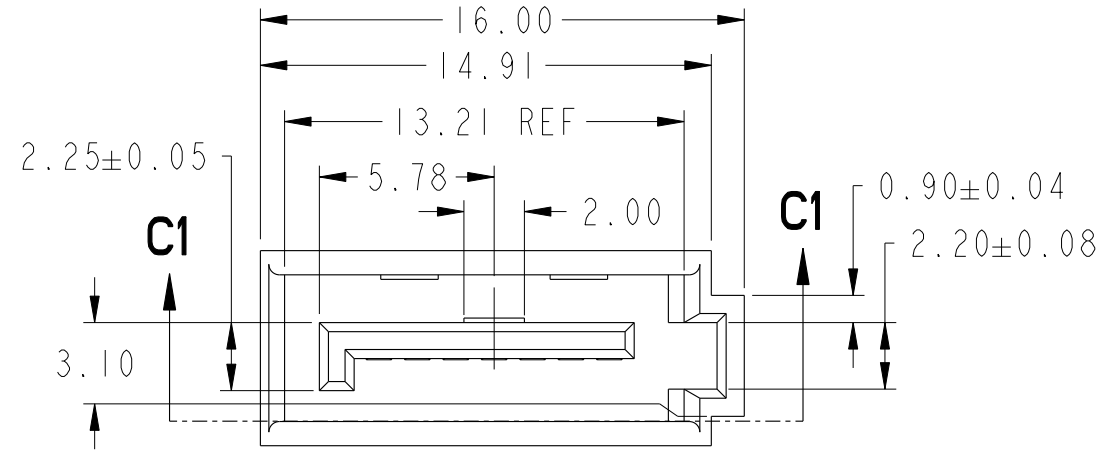
SECTION B-B



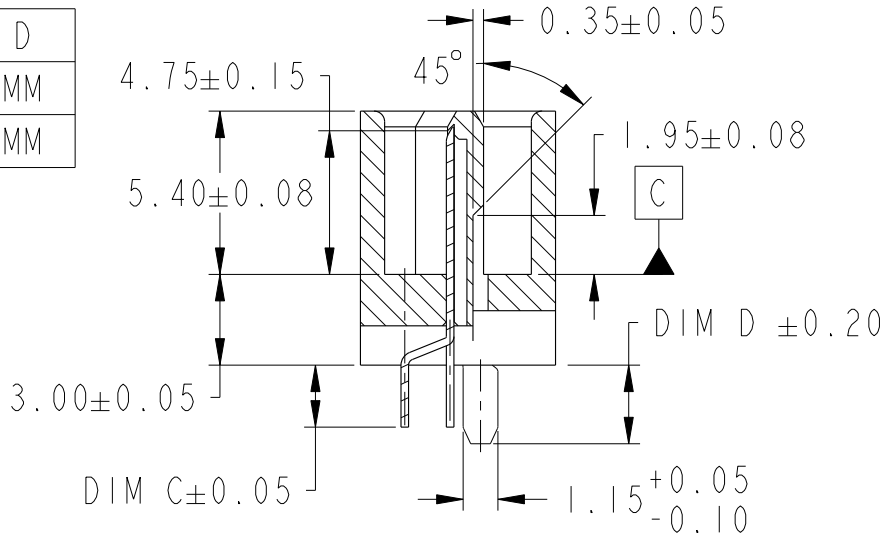
SECTION A-A
METAL CLIP B

spec ref		-		dr	Wade Liu	09/09/05	projection		mm	size	A3	scale	4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Wade Liu	09/09/05				ecn no	ELX-S-32119-1			
ASME Y14.5M				chr	Wade Liu	09/09/05								
				appr	Sterling Lin	09/09/05	product family		SATA	rel level		ptc.wm.lifecycle.state		
surface		linear	0.X	±0.30	Amphenol FCI	title	S-ATA SIGNAL PLUG DIP VERTICAL TYPE ASSY		dwg no	10035690		rev	C	
			0.XX	±0.20										
			0.XXX	±0.10										
ASME Y14.5		angular	0°	±2°		cat. no.	-	Product - Customer Drw				sheet 1 of 4		

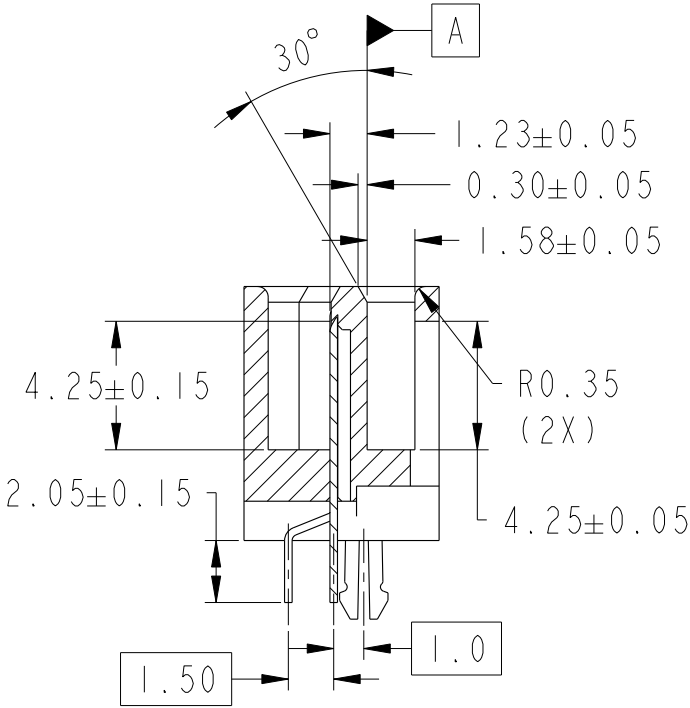
PRODUCT NO.
10035690-XXX-4W



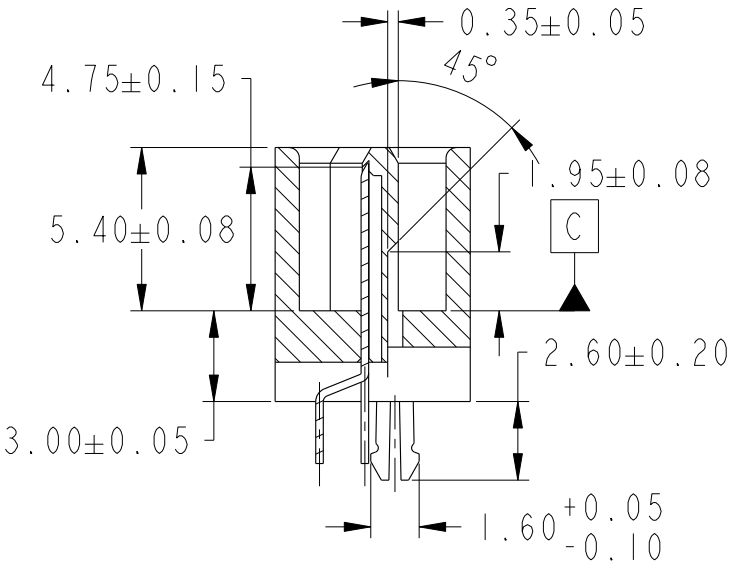
SUFFIX	DIM C	DIM D
OTHERS	2.05MM	2.60MM
-XX4XLF	3.05MM	3.40MM



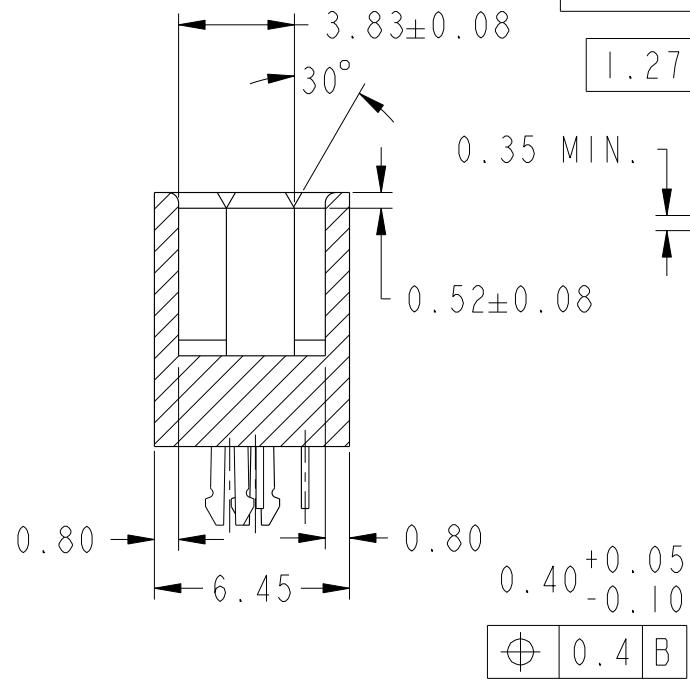
SECTION A-A
METAL CLIP B



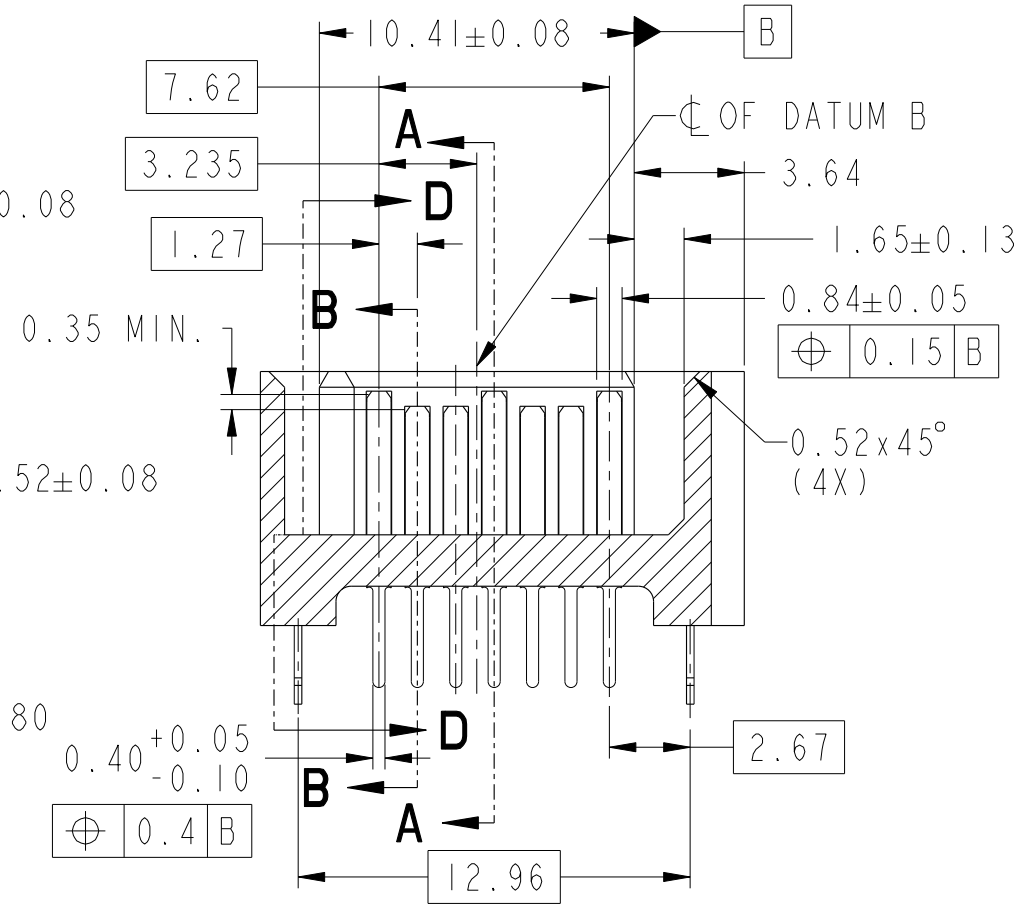
SECTION B-B



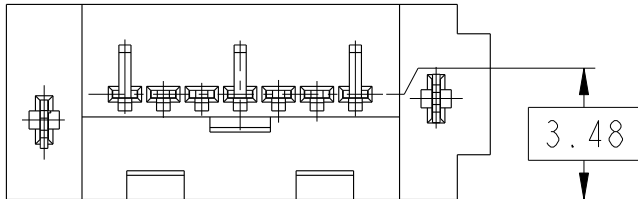
SECTION A-A
METAL CLIP A

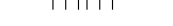


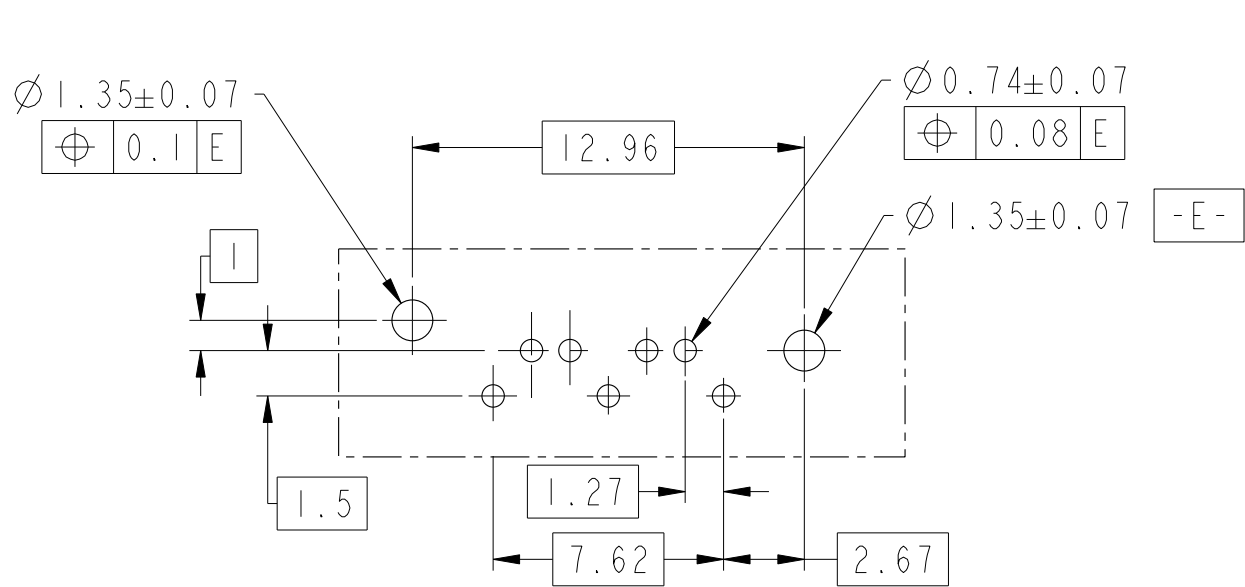
SECTION D-D



SECTION C1-C1



spec ref		-		dr	Wade Liu	09/09/05	projection 	mm 	size	A3	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Wade Liu	09/09/05			ecn no	ELX-S-32119-1			
ASME Y14.5M				chr	Wade Liu	09/09/05			rel level	ptc.wm.lifecycle.state			
				appr	Sterling Lin	09/09/05	product family		SATA				
surface 	linear	0.X	±0.30	Amphenol FCi	title	S-ATA SIGNAL PLUG DIP VERTICAL TYPE ASSY			dwg no	10035690		rev	C
		0.XX	±0.20										
		0.XXX	±0.10										
ASME Y14.5	angular	0°	±2°		cat. no.	-	Product - Customer Drw				sheet 2 of 4		



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

10035690 - X X X - X XX

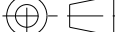
BLANK: PLATING TIN/LEAD
LF: PLATING LEAD FREE

3W: 3 WALL
4W: 4 WALL

2: METAL CLIP A WITH 2.05MM TAIL
3: METAL CLIP B WITH 2.05MM TAIL
4: METAL CLIP B WITH 3.05MM TAIL (4W ONLY)

Au THICKNESS OF CONTACT POINT
0: 15μ" MIN
2: 3μ" MIN
1: 30μ" MIN.

HOUSING COLOR
0: BLACK

spec ref -				dr	Wade Liu	09/09/05	projection 	mm 	size	A3	scale	4:1	
tolerance std				eng	Wade Liu	09/09/05			ecn no				ELX-S-32119-1
ASME Y14.5M				chr	Wade Liu	09/09/05			rel level				ptc.wm.lifecycle.state
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr	Sterling Lin	09/09/05	product family			SATA			
surface 	linear	0.X	±0.30	Amphenol FCI	title S-ATA SIGNAL PLUG DIP VERTICAL TYPE ASSY			dwg no	10035690			rev C	
		0.XX	±0.20										
		0.XXX	±0.10										
ASME Y14.5	angular	0°	±2°		cat. no.	-	Product - Customer Drw				sheet 3 of 4		

NOTE:

1. MATERIAL

 i) HOUSING: PA9T UL94V-0.

 ii) TERMINAL: BRASS: C2680.

 iii) HOLD DOWN: BRASS: C2680.

2. FINISH

 i) TERMINAL: Au PLATING AT CONTACT POINT

 100μ" MIN Sn-Pb or PURE TIN PLATING AT SOLDER TAIL WITH NICKEL UNDERPLATE.

 ii) HOLD DOWN: 100-200μ" Sn-Pb or PURE TIN PLATING.

3. P/N:10035690-XXXXLF

 THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH 1.6MM MINIMUM THICK CIRCUIT BOARD.

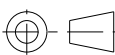
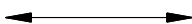
4. PACKAGING SPEC: GS-14-840.

5. PRODUCT SPEC: GS-12-194.

6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER CONUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

7. DIMENSIONS WITH AN "OVAL" AROUND ARE CRITICAL CHARACTERISTIC (CC) DIMENSIONS OR (IPI) IN PROCESS INSPECTION. OHTER FEATURES OR STAND-ALONE GEOMETRICAL TOLERANCES THAT ARE DESIGNATED AS (CC) OR (IPI) HAVE THE NOTE "INSPECTION FEATURES" BELOW THEM.

8. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref -				dr	Wade Liu	09/09/05	projection 	mm 	size	A3	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Wade Liu	09/09/05			ecn no				ELX-S-32119-1
ASME Y14.5M				chr	Wade Liu	09/09/05			rel level				ptc.wm.lifecycle.state
				appr	Sterling Lin	09/09/05	product family				SATA		
surface 	linear	0.X	±0.30	Amphenol FCi	title	S-ATA SIGNAL PLUG DIP VERTICAL TYPE ASSY			dwg no	10035690		rev	C
		0.XX	±0.20										
		0.XXX	±0.10										
	ASME Y14.5	angular	0°	±2°		cat. no.	-	Product - Customer Drw				sheet 4 of 4	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10035690-002-4WLF](#) [10035690-003-4WLF](#) [10035690-022-4WLF](#) [10035690-023-4WLF](#) [10035690-023-3WLF](#)
[10035690-002-3WLF](#) [10035690-022-3WLF](#) [10035690-013-4WLF](#) [10035690-004-4WLF](#) [10035690-024-4WLF](#)