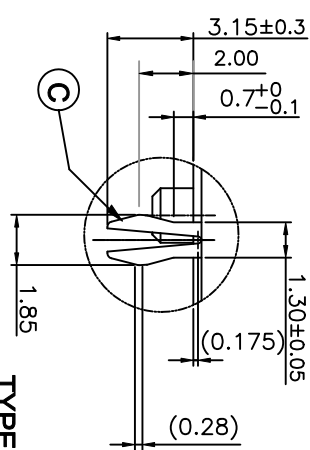
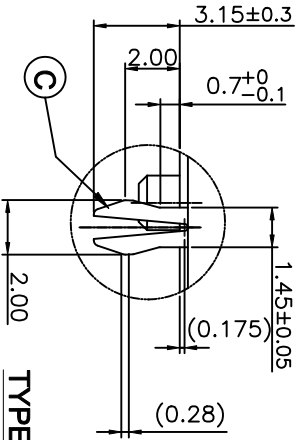
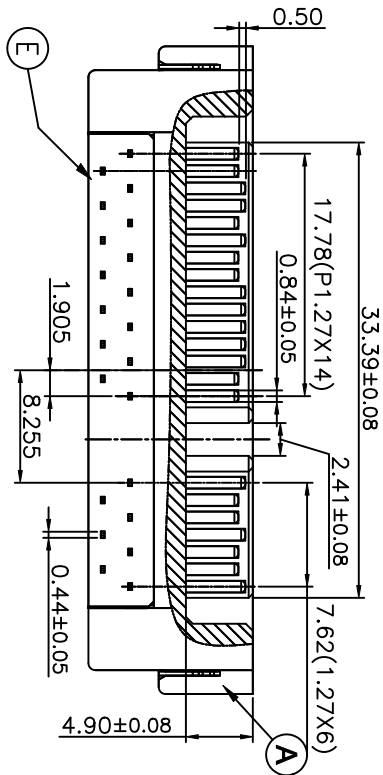
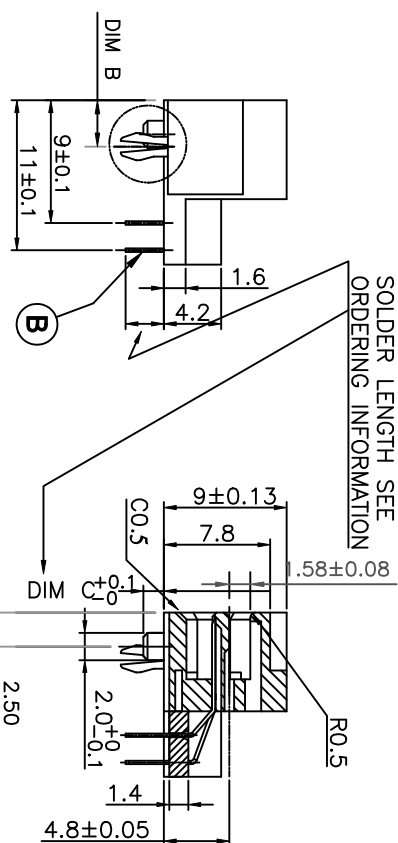
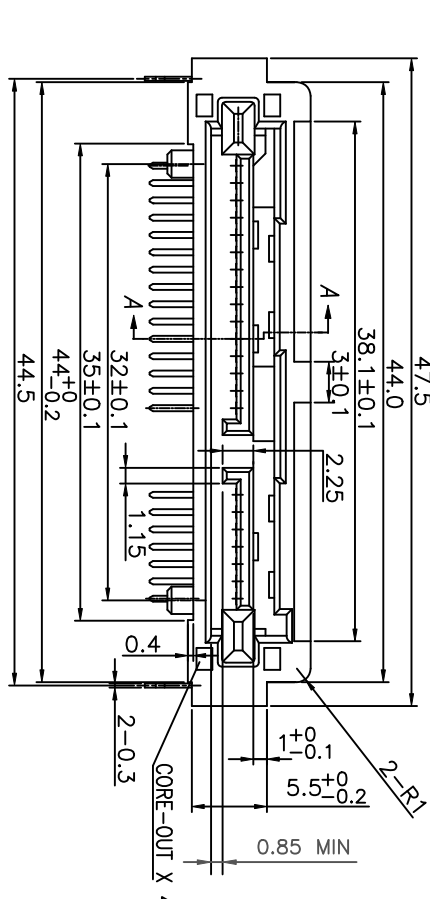


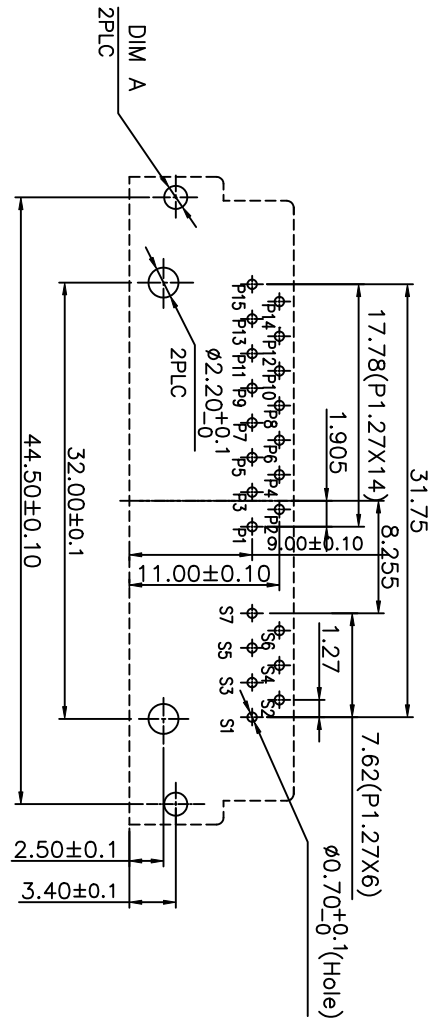


FCI Logo & Part No. located Approximately as shown.

NO.	NAME	MATERIAL	QTY
A	HOUSING	THERMOPLASTIC	1
B	CONTACT	BRASS	22
C	HOLD DOWN	BRASS	2
D	DUST COVER	THERMOPLASTIC	1
E	TAIL GUIDE	THERMOPLASTIC	1

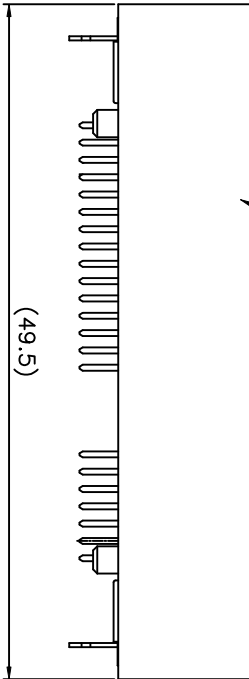


mot'l. code		tolerances unless otherwise specified		CUSTOMER COPY		title		code	
lir	ecn no	dr	date	linear	projection	product family	size	dwg no	sheet
A	T06-0095	S.Lin	5/11/06	.XX ± 0.20	MM	SATA 22 POS, T/H WITH LATCH	A4	10038031	1 of
B	T06-0182	S.Lin	04/26/07	.XXX ± 0.10	MM				
C	T08-1198	S.Lin	12/16/08	0° ± 2°	MM				
D	T08-1199	S.Lin	12/23/08		MM				
		engr	Sterling Lin	5/10/06					
		chr	Sterling Lin	5/10/06					
		appd	HC LIU	5/10/06					
sheet	revision	D	D						
index	sheet	1	2						



RECOMMENDED PCB LAYOUT(DIP TYPE) T=1.60mm±0.10

Dust Cap (D)



SIGNAL SEGMENT		POWER SEGMENT			
S 1	GND	P 1	V ₃₃	P 9	V ₅
S 2	A+	P 2	V ₃₃	P 10	GND
S 3	A-	P 3	V ₃₃	P 11	DAS/DSS
S 4	GND	P 4	GND	P 12	GND
S 5	B-	P 5	GND	P 13	V ₁₂
S 6	B+	P 6	GND	P 14	V ₁₂
S 7	GND	P 7	V ₅	P 15	V ₁₂
		P 8	V ₅		

NOTES :

1. MATERIALS:

A. HOUSING:

HIGH TEMPERATURE THERMOPLASTIC UL94V-0.

B. CONTACT PIN: COPPER ALLOY .

2. FINISH:

A. SATA SIGNAL PINS: (MATING SIDE)

1.27um MINIMUM, 2.54um MAXIMUM NICKEL UNDER PLATE WITH GOLD IN CONTACT AREA.

B. ALL SOLDER TAILS:

1.91um MINIMUM LEAD-FREE (100%) MATT TIN PLATING.

C. HOLD DOWN PEG:

1.91um MINIMUM LEAD-FREE (100%) MATT TIN PLATING.

3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260 DEGREE C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.

4. PRODUCT SPEC : GS-12-194

PRODUCT SPEC : 110-634 (FOR 10038031-101SLF ONLY)

PACKING SPEC : GS-14-840

5. Order Description: 10038031-X X X X X LF

BLANK: TYPE 1 HOLD DOWN

1: TYPE 2 HOLD DOWN

S: PRODUCT SPEC 110-634

2: Without Plastic Post

3: With Plastic Post , DIM C=1.5mm

Solder Tail Length

0: 2.5mm+5u" Gold at Contact Area

1: 2.8mm+5u" Gold at Contact Area

2: 2.5mm+Gold Flash at Contact Area

3: 2.8mm+Gold Flash at Contact Area

4: 3.25mm+Gold Flash at Contact Area

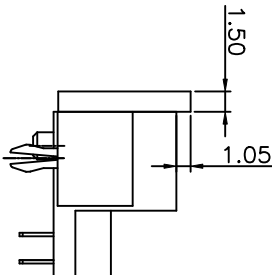
0: With Dust Cap , LCP Housing

1: Without Dust Cap, LCP Housing

2: With Dust Cap, PA 9T Housing

3: Without Dust Cap, PA 9T Housing

HOLD DOWN	
TYPE 1	TYPE 2
DIM A	Ø1.70 ^{+0.1} ₋₀
	Ø1.50 ^{+0.1} ₋₀
DIM B	3.4±0.1
	3.9±0.1



mot'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI	
lfr	ecn no	dr	date	lineor	projection	title	www.fciconnect.com
A	106-0095	S.Lin	5/11/06	.XX ± 0.20	MM	SATA 22 POS , T/H WITH LATCH	
B	106-0182	S.Lin	04/26/07	.XXX ± 0.10	MM		
C	108-1198	S.Lin	12/16/08	0° ±2°	MM		
D	108-1199	S.Lin	12/23/08		MM		
		engr	Sterling Lin	5/10/06	scale	product family	S ATA
		chr	Sterling Lin	5/10/06	size	dwg no	10038031
		appd	HC LIU	5/10/06	code	sheet	TWN
sheet	revision	D	D				
index	sheet	1	2				