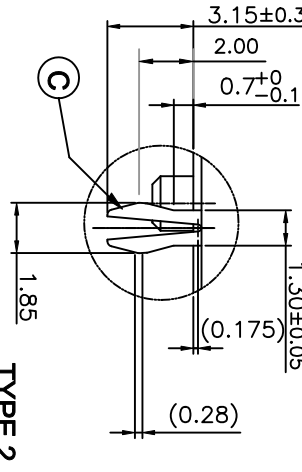
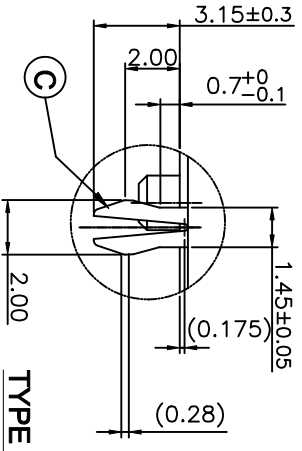
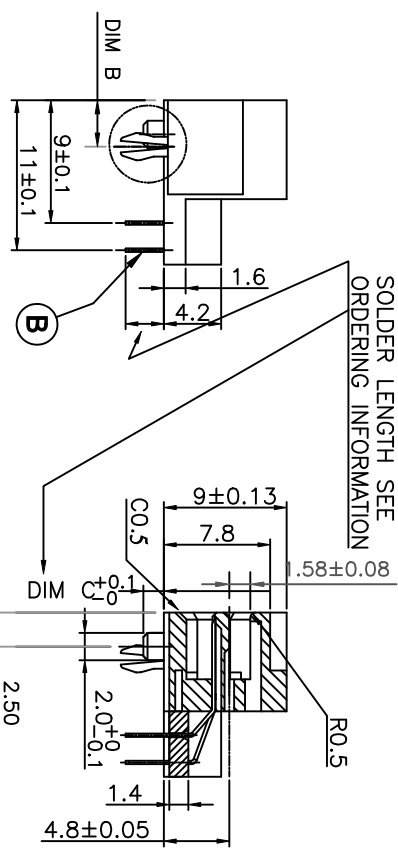
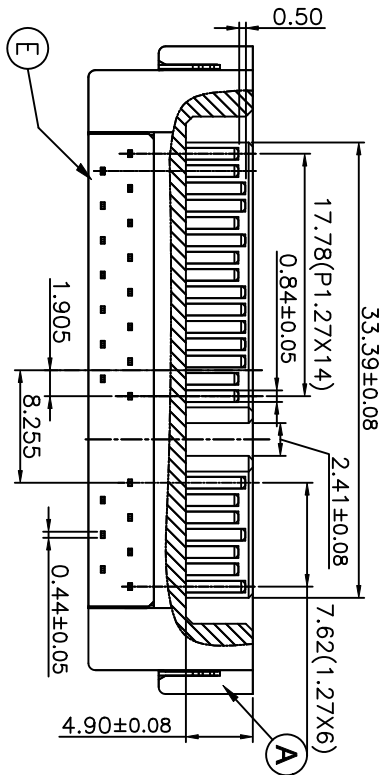
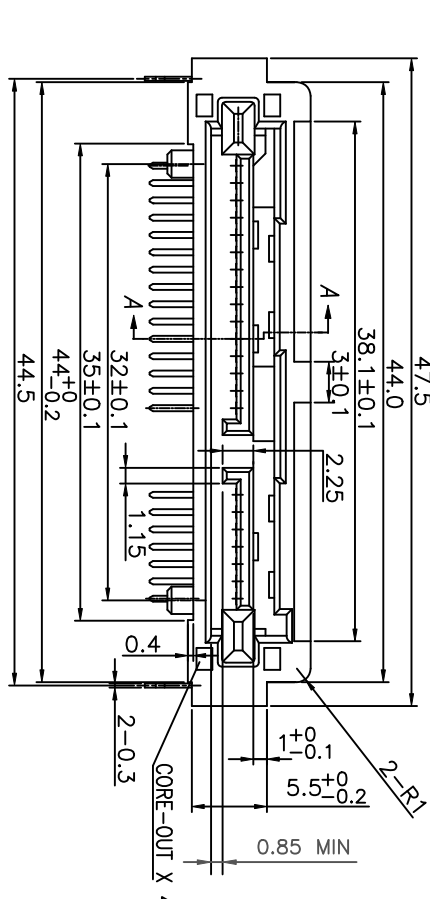


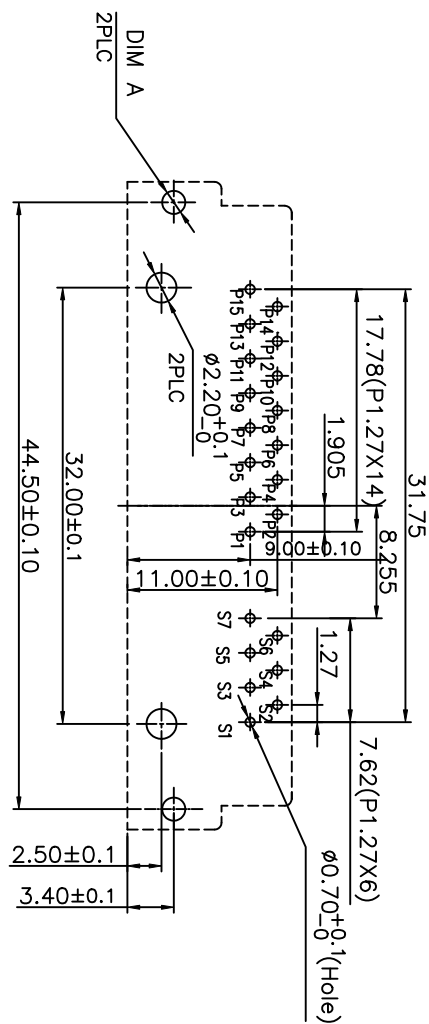


FCI Logo & Part No. located Approximately as shown.

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 LIOU	5/10/06			
sheet	revision	D	D						
index	sheet	1	2						



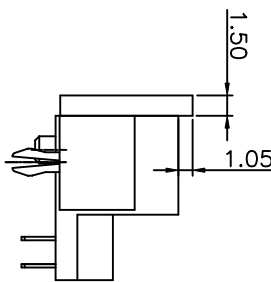
RECOMMENDED PCB LAYOUT(DIP TYPE) T=1.60mm±0.10

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		

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



- NOTES :
- MATERIALS:
 - HOUSING:
HIGH TEMPERATURE THERMOPLASTIC UL94V-0.
 - CONTACT PIN: COPPER ALLOY .
 - FINISH:
 - SATA SIGNAL PINS: (MATING SIDE)
1.27um MINIMUM, 2.54um MAXIMUM NICKEL UNDER PLATE WITH GOLD IN CONTACT AREA.
 - ALL SOLDER TAILS:
1.91um MINIMUM LEAD-FREE (100%) MATT TIN PLATING.
 - HOLD DOWN PEG:
1.91um MINIMUM LEAD-FREE (100%) MATT TIN PLATING.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260 DEGREE C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.
 - PRODUCT SPEC : GS-12-194
 - PRODUCT SPEC : 110-634 (FOR 10038031-101SLF ONLY)
 - PACKING SPEC : GS-14-840
 - Order Description: 10038031-X X X X X LF

- BLANK: TYPE 1 HOLD DOWN
- TYPE 2 HOLD DOWN
 - PRODUCT SPEC 110-634
 - Without Plastic Post
 - With Plastic Post , DIM C=1.5mm
 - Without Plastic Post , DIM C=3.25mm
 - Solder Tail Length
 - 2.5mm+5u" Gold at Contact Area
 - 2.8mm+5u" Gold at Contact Area
 - 2.5mm+Gold Flash at Contact Area
 - 2.8mm+Gold Flash at Contact Area
 - 3.25mm+Gold Flash at Contact Area
 - Without Dust Cap , LCP Housing
 - With Dust Cap , LCP Housing
 - Without Dust Cap , PA 9T Housing
 - With Dust Cap , PA 9T Housing
 - Without Dust Cap , PA 9T Housing
 - With Dust Cap , PA 9T Housing

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

ACAD

cage code