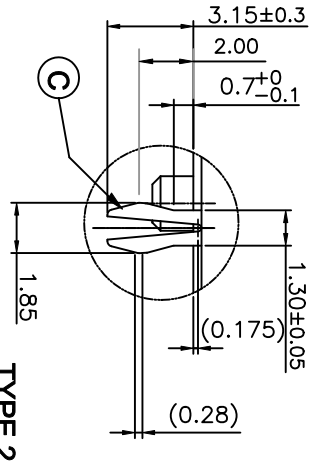
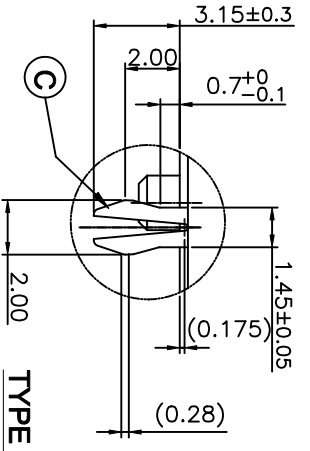
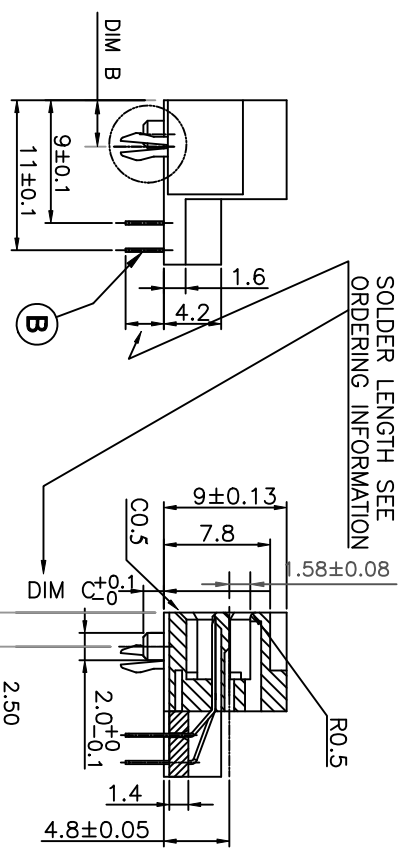
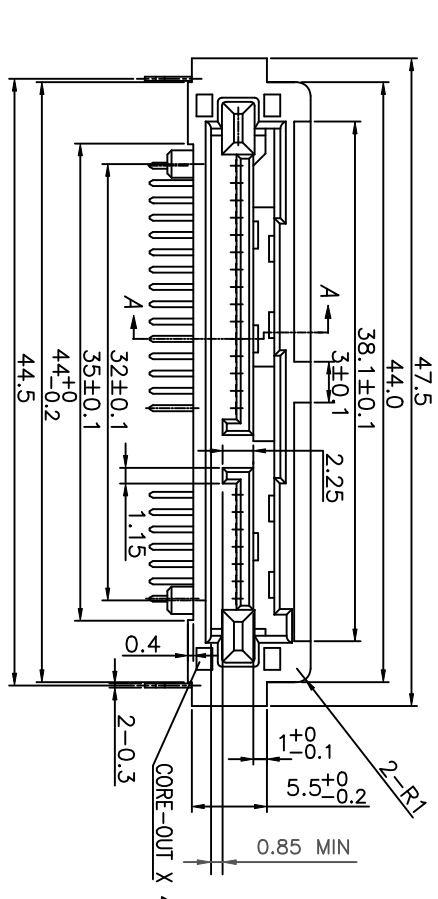


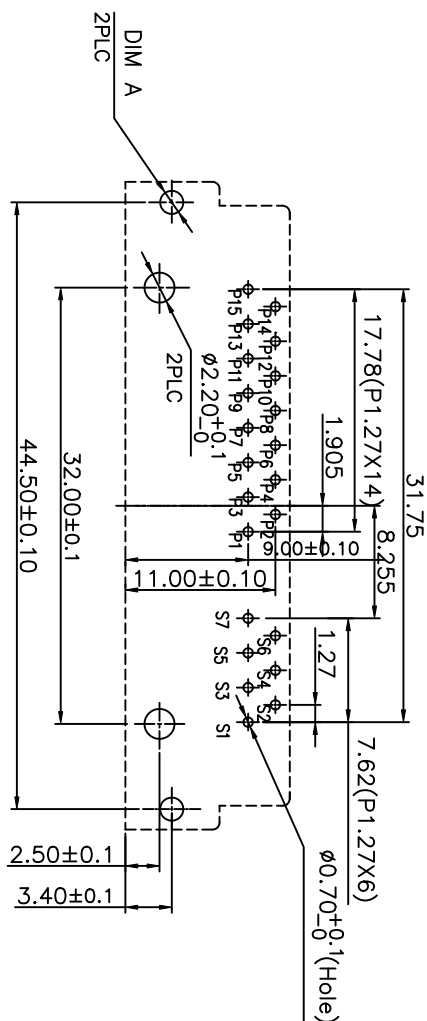


FCI Logo & Part No. located Approximately as shown.

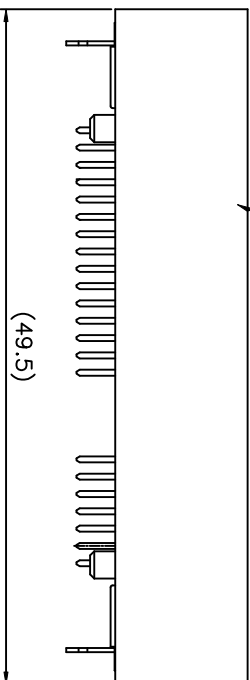
NO.	NAME	MATERIAL	QTY
A	HOUSING	THERMOPLASTIC	1
B	CONTACT	BRASS	22
C	HOLD DOWN	BRASS	2
D	DUST COVER	THERMOPLASTIC	1
E	TAIL GUIDE	THERMOPLASTIC	1



mot'l. code		tolerances unless otherwise specified		CUSTOMER COPY		title		product family		code	
lir	ecn no	dr	date	linear	.XX ± 0.30	projection	MM	size	dwg no	sheet	of
A	T06-0095	S.Lin	5/11/06	.XXX ± 0.20				SATA 22 POS, T/H	10038031	1	1
B	T06-0182	S.Lin	04/26/07	.XXX ± 0.10				WITH LATCH			
C	T08-1198	S.Lin	12/16/08	0° ± 2°							
D	T08-1199	S.Lin	12/23/08								
				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								

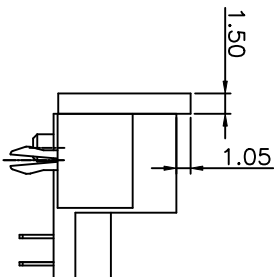


RECOMMENDED PCB LAYOUT(DIP TYPE) T=1.60mm±0.10

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	$\phi 1.70^{+0.1}_{-0}$	$\phi 1.50^{+0.1}_{-0}$
DIM B	3.4 ± 0.1	3.9 ± 0.1



- 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

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		 www.fciconnect.com											
ltr	ecn no	dr	dte	.X ± 0.30				projection		title											
A	T06-0095	S.Lin	5/11/06	.XX ± 0.20						SATA 22 POS, T/H											
B	T06-0182	S.Lin	04/26/07	.XXX ± 0.10						WITH LATCH											
C	T06-1198	S.Lin	12/16/08	0° ±2°																	
D	T06-1199	S.Lin	12/23/08	dr	Sterling Lin			5/10/06			product family		S ATA								
				engr	Sterling Lin			5/10/06			size		dwg no								
				chr	Sterling Lin			5/10/06			scale		A4		10038031						
				ppd	HC LIOU			5/10/06	NA												
sheet index	revision sheet	D 1	D 2														sheet 2 of				