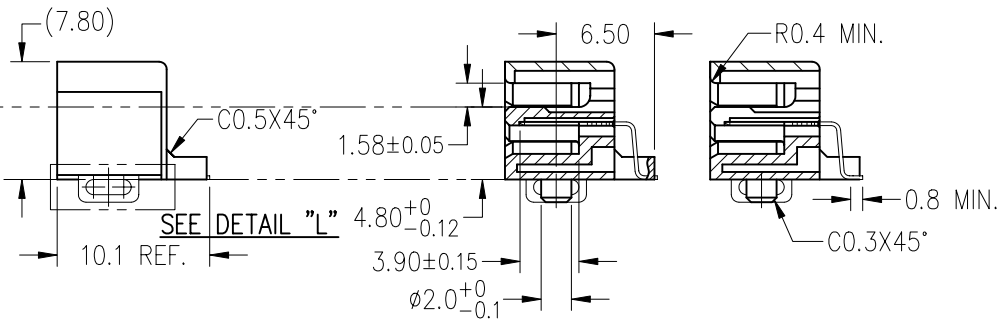
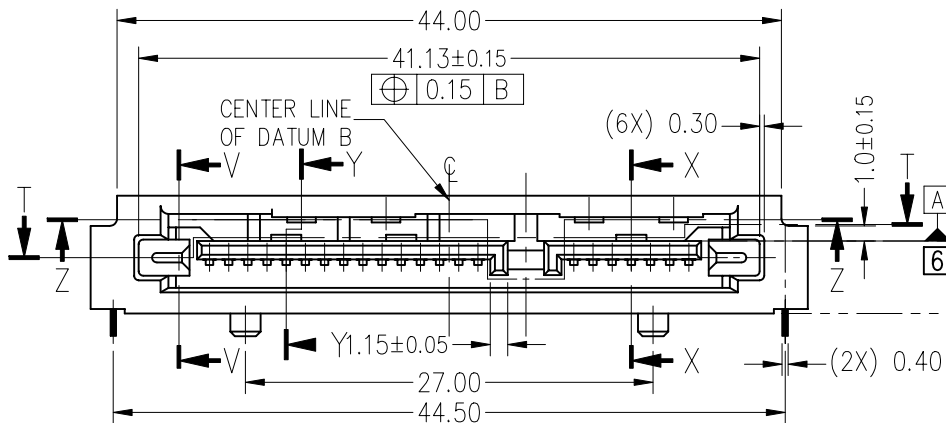
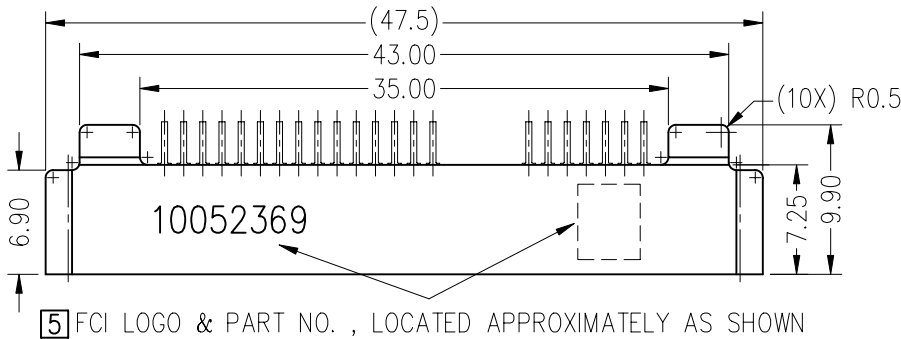
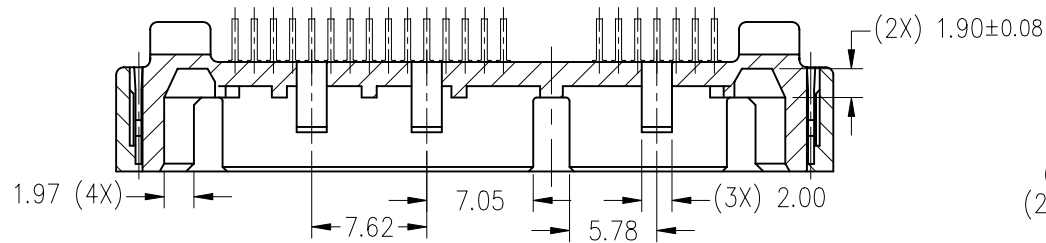


PRODUCT NO.	OPTIONAL HOLD DOWN CLIP	FINISH PLATING	DUST CAP P/N:
10052369-001LF	SEE DETAIL "L"	SEE NOTE 2A	N/A
10052369-002LF			
10052369-002TRLF		SEE NOTE 2B	
10052369-003LF			
10052369-004LF		SEE NOTE 2A	10075766-001

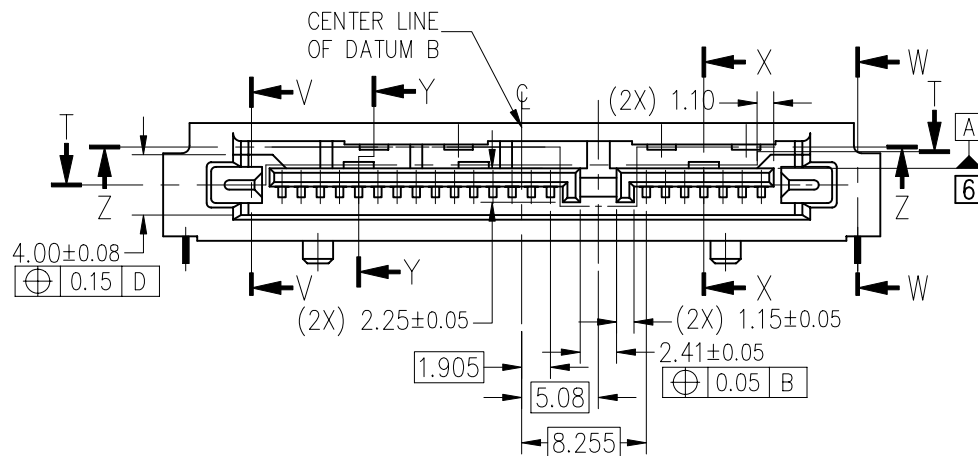
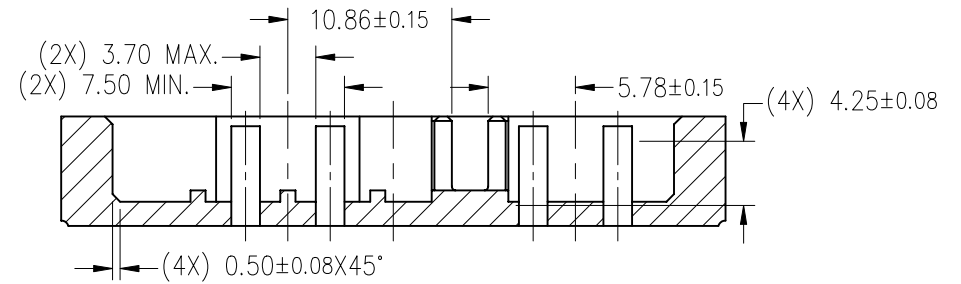


mat'l. code				tolerances unless otherwise specified			projection	product family		
ltr	ecn no	dr	date	angles	linear	mm	mm	SATA PLUG		
A	S05-0219	SLLIM	051017			±.25	mm	title		
B	S05-0323	SLLIM	051109			±.25	mm	SATA PLUG, SMT		
C	S06-0118	SLLIM	060117	±3°		±.25	mm	22POS. 4-WALLS		
D	S06-0119	SLLIM	060405	dr	SLLIM	041223	scale 2:1	dwg no		
E	S07-0034	SLLIM	060131	engr	SLLIM	041223		sheet 1 of 5		
F	S08-0293	SLLIM	080909	chr	SLLIM	041224		10052369		
				appd	JOEY NG	041224		type Product Customer Drawing		
sheet index				revision	F	F	F	F	F	F
				sheet	1	2	3	4	5	

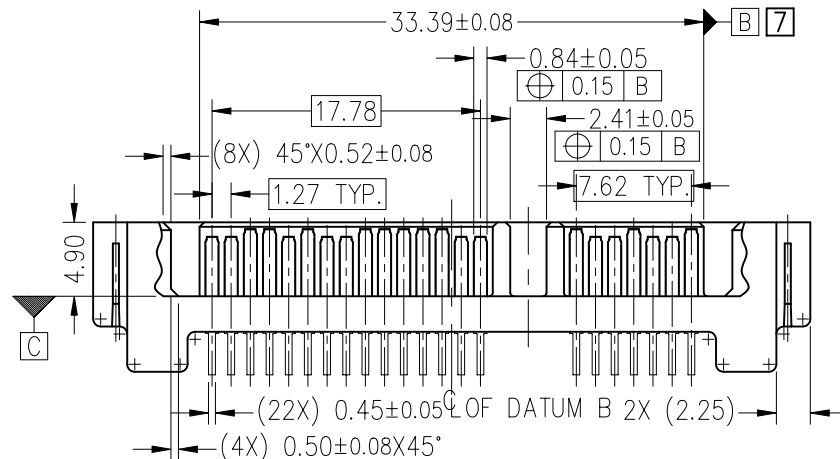
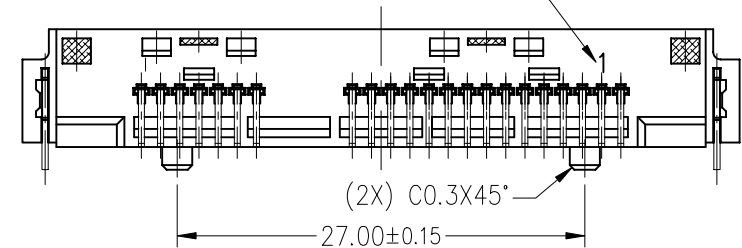
SECTION "T-T"



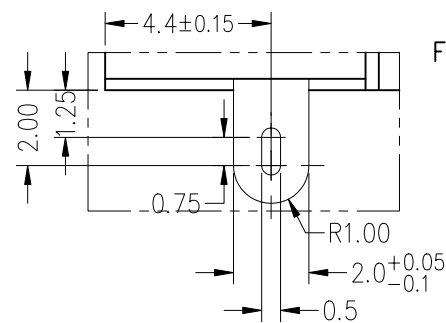
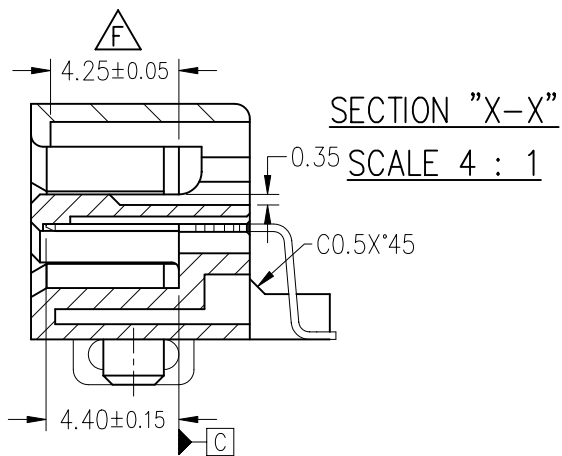
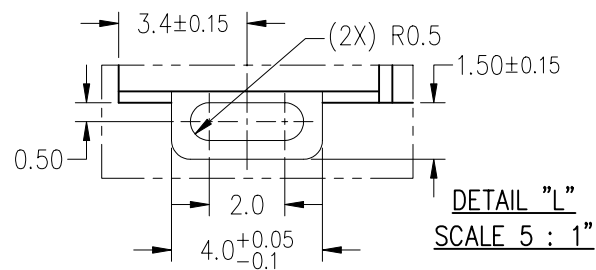
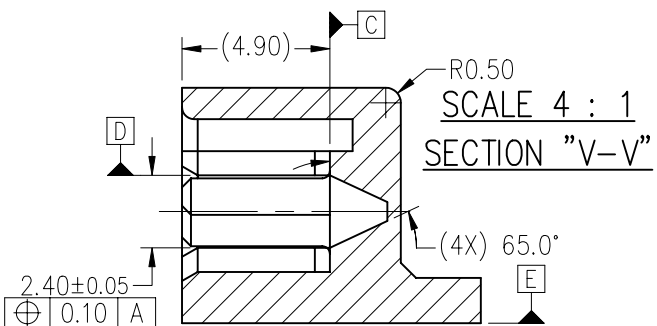
SECTION "Z-Z" (LATCHING FEATURES)



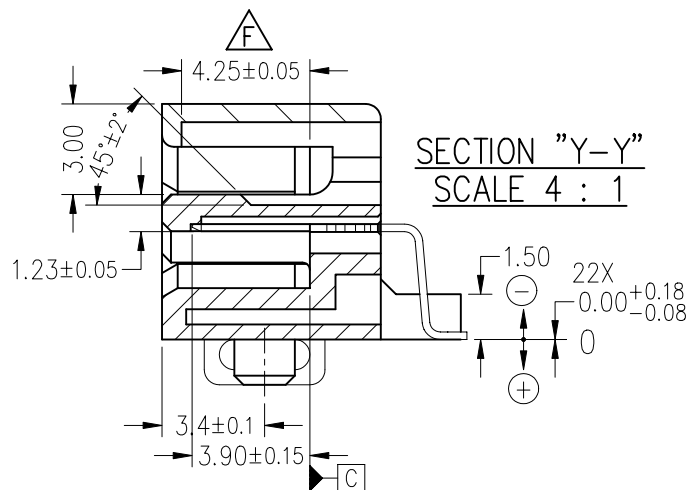
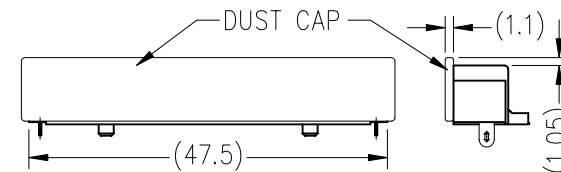
CAVITY NO.
APPROXIMATELY AS SHOWN



mat'l. code				tolerances unless otherwise specified			projection	product family		
ltr	ecn no	dr	date	angles	linear	mm	mm	SATA PLUG		
F				±3°		±.25	mm	title		
						-----	scale 2:1	SATA PLUG, SMT		
				dr	SLLIM	041223		22POS. 4-WALLS		
				enr	SLLIM	041223		dwg no		
				chr	SLLIM	041224		10052369		
				appd	JOEY NG	041227		sheet 2 of 5		
sheet index		revision sheet						size		
								A4		
								type Product Customer Drawing		



FOR P/N: 10052369-002LF (W/O DUST-CAP)
 & P/N: 10052369-003LF (W/O DUST CAP)
 & P/N: 10052369-004LF (W/DUST CAP)



mat'l. code				tolerances unless otherwise specified			projection	product family		
ltr	ecn no	dr	date	angles	linear	mm	mm	SATA PLUG		
F				±3°		±.25	mm	title		
						scale 2:1		SATA PLUG, SMT		
				dr	SLLIM	041223		22POS. 4-WALLS		
				engr	SLLIM	041223		dwg no		
				chr	SLLIM	041223		10052369		
				appd	JOEY NG	041227		sheet 3 of 5		
sheet index		revision sheet						size		
								A4		
								type Product Customer Drawing		

10052369-003LF & 10052369-004LF

44.5±0.1

27±0.1

7.62 (P1.27X6)

8.255

17.78 (P1.27X14)

1.905

0.65

1.75

8.6

(2X) ø2.2+0.1/-0

2X 0.80+0.1/-0

2X THRU-HOLE

2X THRU-HOLE

(2X) 2.4+0.1/-0

(2X) 4.4±0.1

0.4 REF.

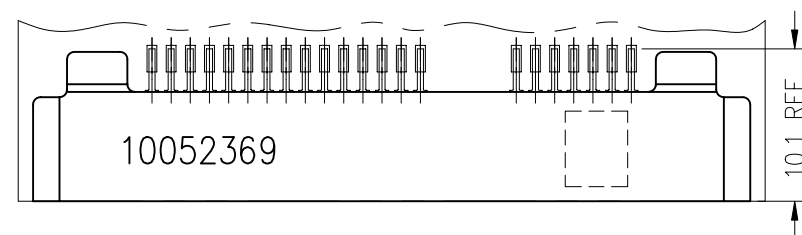
2.0 REF.

SCALE 4 : 1

WITH METAL CLIP AS SHOWN

OPTIONAL PCB LAYOUT

(PC BOARD THICKNESS : 1.60mm±0.10)



FOR P/N: 10052369-001LF

44.5±0.1

27±0.1

7.62 (P1.27X6)

8.255

17.78 (P1.27X14)

1.905

0.65

3.4±0.1

(2X) $\phi 2.2^{+0.1}_0$

1.75

8.6

(2X) 4.4 $^{+0.1}_0$

(2X) 3.4±0.1

2X THRU-HOLE

2X THRU-HOLE

FULL-R TYP.

0.4 REF.

4.0 REF.

WITH METAL CLIP AS SHOWN

SCALE 4 : 1

OPTIONAL PCB LAYOUT
(PC BOARD THICKNESS : 1.60mm±0.10)

mat'l. code	
ltr	ecn no
F	

mat'l. code				tolerances unless otherwise specified				projection 		product family SATA PLUG			
ltr	ecn no	dr	date							title			
F				angles	linear	----- mm			scale 2:1	SATA PLUG, SMT 22POS. 4-WALLS			
						±3'	±.25						
				dr	SLLIM	041223				dwg no		sheet 4 of 5	size
				engr	SLLIM	041223				10052369		A4	
				chr	SLLIM	041223							
				appd	JOEY NG	041227							
sheet index		revision sheet											

NOTES :

1. MATERIALS:

A. HOUSING:

HIGH TEMPERATURE THERMOPLASTIC MATERIAL, UL 94V-0, COLOR; BLACK. MAXIMUM REGRIND MATERIAL IS NOT TO EXCEED 25%. MOLD FLASH SHALL NOT COVER ANY PORTION OF THE MATING CONTACT SURFACE AND SHALL NOT EXCEED 0.15 mm (.006") MAXIMUM AT NON-CRITICAL OR FUNCTIONAL AREAS.

B. CONTACT PIN: COPPER ALLOY (BRASS).

2A. FINISH:

FOR P/N: 10052369-001LF ; P/N: 10052369-002LF ;
AND P/N: 10052369-004LF

SATA SIGNAL & POWER PINS: (MATING SIDE)
1.27um [50u"] MINIMUM, 2.54um [100u"] MAXIMUM NICKEL UNDER PLATE WITH 0.127um [5u"] MINIMUM GOLD IN CONTACT AREA.

2B. FINISH:

FOR P/N: 10052369-003LF
SATA SIGNAL & POWER PINS: (MATING SIDE)
1.27um [50u"] MINIMUM, 2.54um [100u"] MAXIMUM NICKEL UNDER PLATE WITH 0.76um [30u"] MINIMUM GOLD IN CONTACT AREA.

B. ALL SOLDER TAILS:

1.91um [75u"] MINIMUM LEAD-FREE (100%) TIN, PLATING COVERAGE: 95% MINIMUM FOR UNDER AND OVERPLATE.

C. METAL HOLD DOWN CLIPS:

1.91um MINIMUM LEAD-FREE (100%) TIN, PLATING COVERAGE: 95% MINIMUM FOR UNDER AND OVERPLATE.

3. SOLDER TAIL REQUIREMENTS:

ENTIRE DATA PIN IS TO BE PLATED. EXPOSED BASE METAL AT END OF SOLDER TAIL (DUE TO FABRICATION PROCESS) IS ACCEPTABLE. IF SOLDER FABRICATION REQUIRES A SHEARING PROCESS. A SHEAR DIRECTION OF BOTTOM TO TOP OF SOLDER TAIL IS PREFERRED TO ALLOW FOR PLATING WIPE AT THE END OF TAIL.

4. WARPAGE REQUIREMENTS: (BOW AND TWIST)

MAXIMUM WARPAGE 0.15mm OVER THE LENGTH OF THE CONNECTOR. PIN RETENTION FORCE: 1.32LBS (0.6kg) MINIMUM PER PIN.

5. PART MARKING: MANUFACTURE NAME AND / OR LOGO SHALL BE MARKED ON THE SURFACE OF THE CONNECTOR APPROXIMATELY WHERE SHOWN. HEIGHT OF CHARACTERS TO BE MAXIMUM POSSIBLE.

6. -A- IS DEFINED AS THE TOP PORTION OF THE NOTED BLADE SURFACE.

7. -B- IS DEFINED AS THE CENTERLINE OF THE 33.915 DIMENSION.

8. TYPICAL WALL THICKNESS (1.0 mm).

9. ALTERNATE CORING AND RIB CONSTRUCTION FOR MOLDING PROCESS.

10. PACKAGING - 32 CONNECTOR PER TRAY.

11. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

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

mat'l. code				tolerances unless otherwise specified			projection	product family		
ltr	ecn no	dr	date	angles	linear	mm		SATA PLUG		
F				±3°	±.25	mm	scale 2:1	title		
				dr	SLLIM	041223		SATA PLUG, SMT		
				enr	SLLIM	041223		22POS. 4-WALLS		
				chr	SLLIM	041223		dwg no		
				appd	JOEY NG	041227		10052369		
sheet index		revision sheet						type Product Customer Drawing		
								sheet 5 of 5		
								A4		