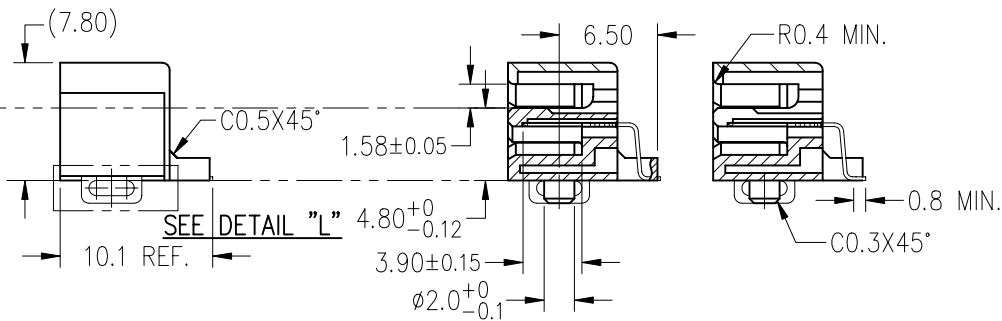
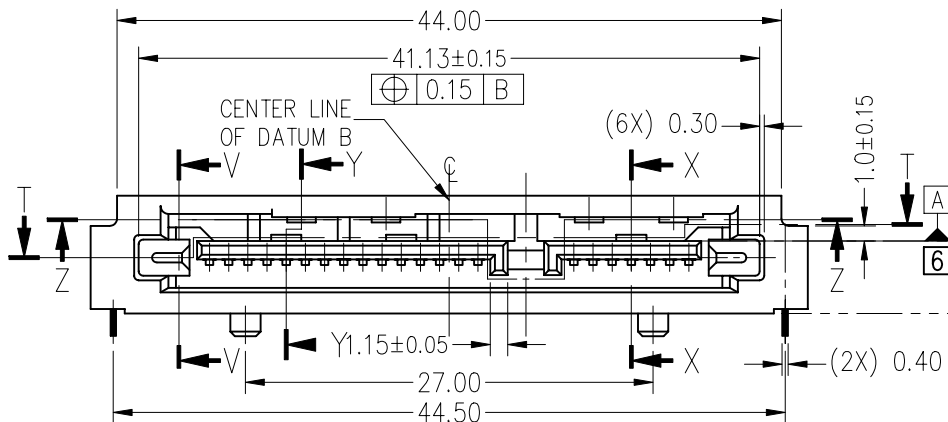
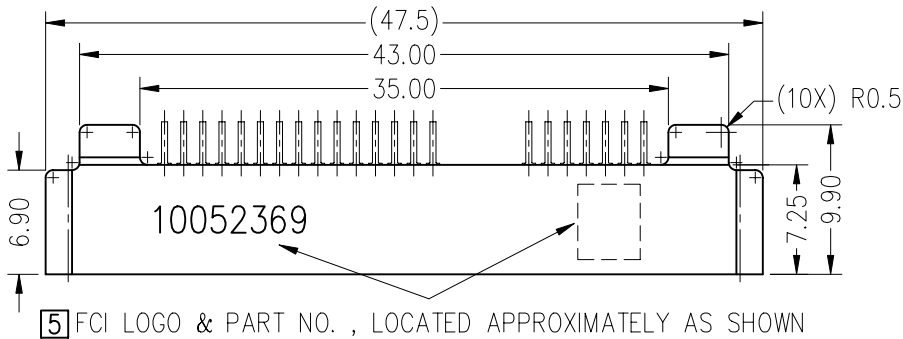
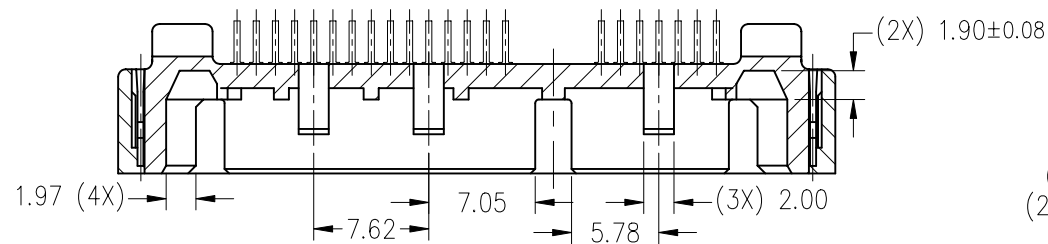


PRODUCT NO.	OPTIONAL HOLD DOWN CLIP	FINISH PLATING	DUST CAP P/N:
10052369-001LF	SEE DETAIL "L"	SEE NOTE 2A	N/A
10052369-002LF			
10052369-002TRLF		SEE NOTE 2B	
10052369-003LF			
10052369-004LF		SEE NOTE 2A	10075766-001

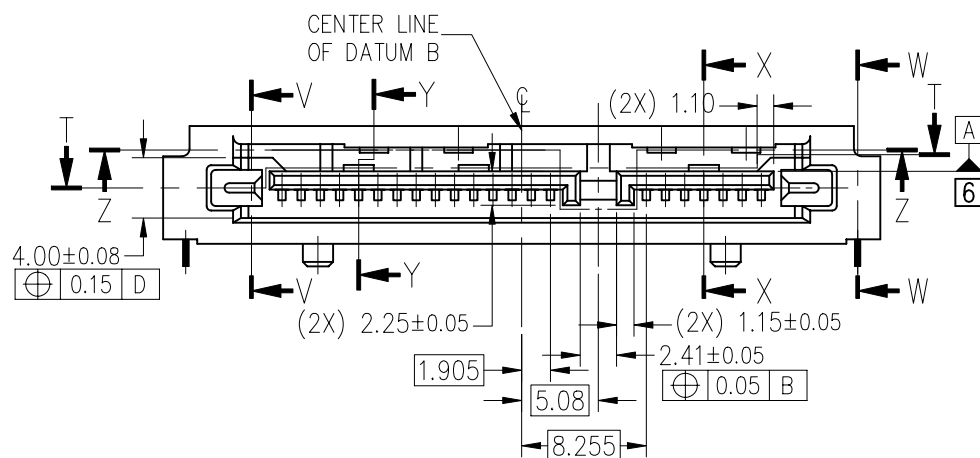
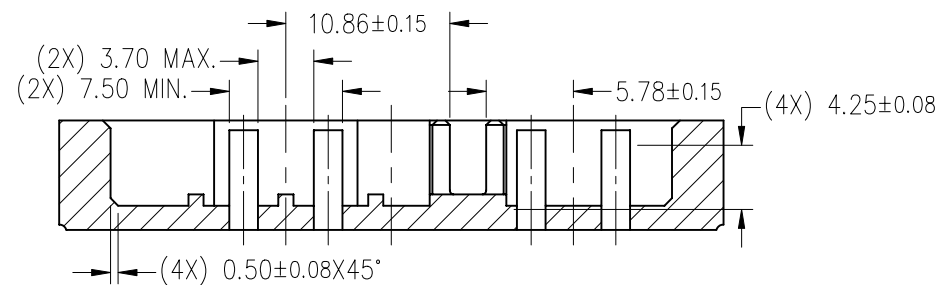


mat'l. code				tolerances unless otherwise specified			projection	product family		
ltr	ecn no	dr	date	angles	linear	mm	mm	SATA PLUG		
A	S05-0219	SLLIM	051017			±.25		title		
B	S05-0323	SLLIM	051109					SATA PLUG, SMT		
C	S06-0118	SLLIM	060117	±3°			scale 2:1	22POS. 4-WALLS		
D	S06-0119	SLLIM	060405	dr	SLLIM	041223		dwg no		
E	S07-0034	SLLIM	060131	enrg	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	

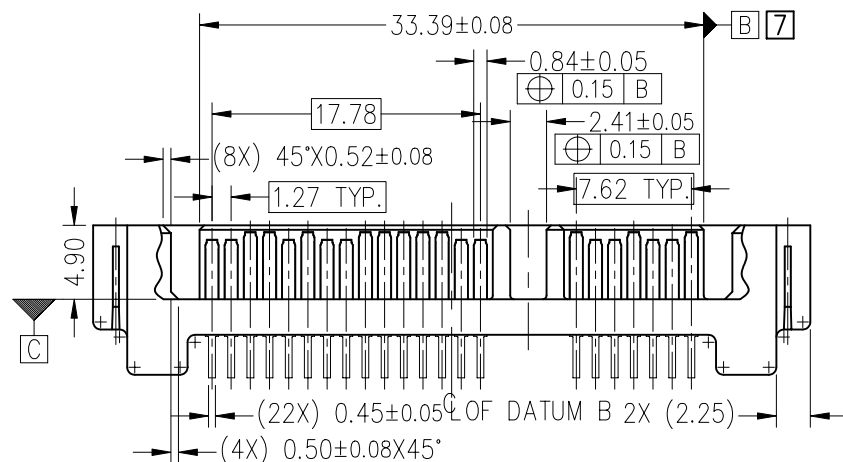
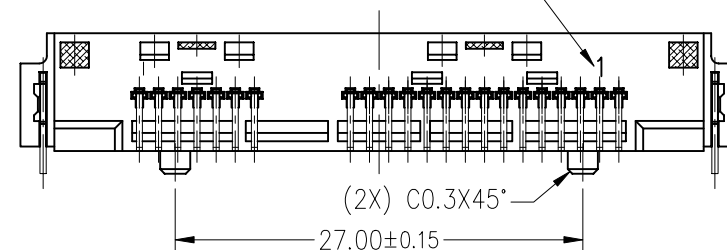
SECTION "T-T"



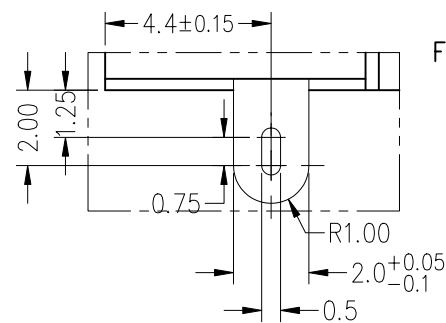
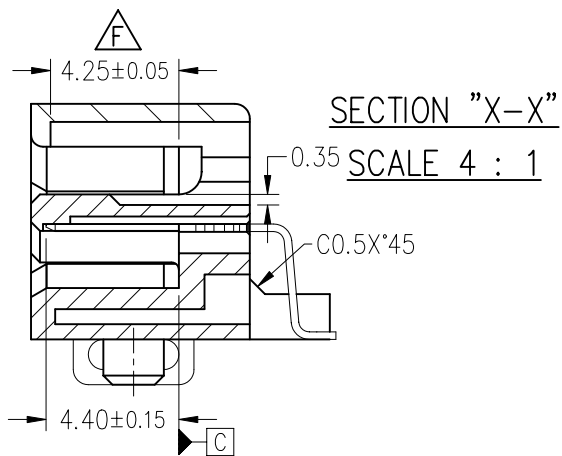
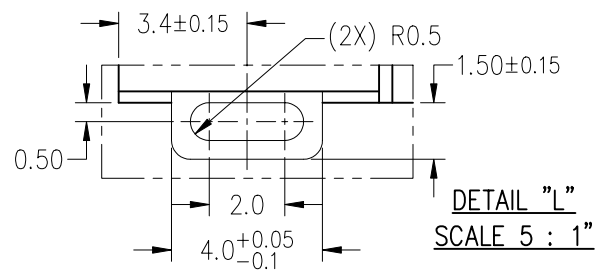
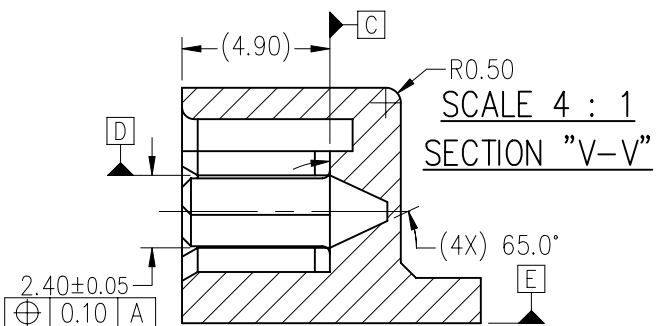
SECTION "Z-Z" (LATCHING FEATURES)



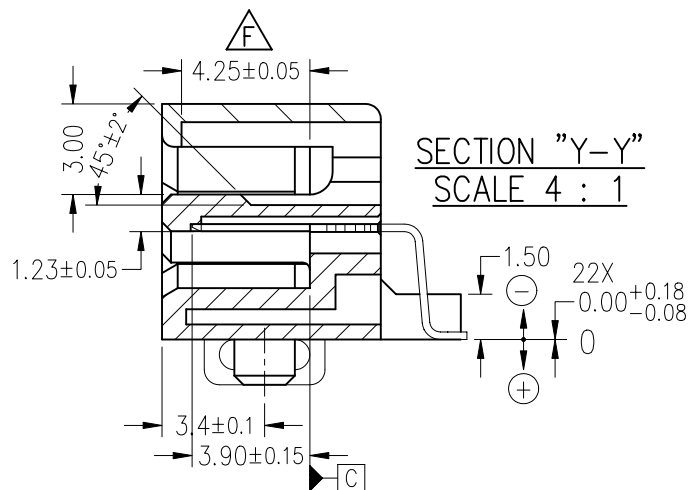
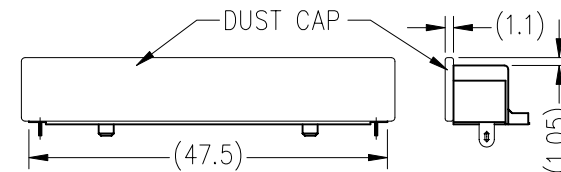
CAVITY NO.
APPROXIMATELY AS SHOWN



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	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		
								A4		
								type Product Customer Drawing		
sheet index	revision sheet									



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		
								size		
								A4		
								type		
								Product Customer Drawing		
sheet index	revision	sheet								

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

3.4±0.1

2X 0.80^{+0.1}₋₀

(2X) $\phi 2.2^{+0.1}_{-0}$

1.75

8.6

2X THRU-HOLE

(2X) $2.4^{+0.1}_{-0}$

(2X) 4.4 ± 0.1

0.4 REF.

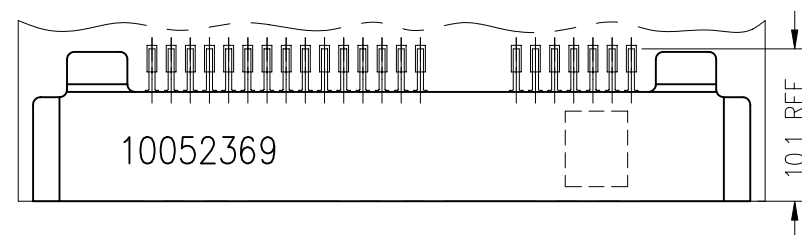
2.0 REF.

SCALE 4 : 1

WITH METAL CLIP AS SHOWN

OPTIONAL PCB LAYOUT

(PC BOARD THICKNESS : 1.60mm±0.10)

[illegible][illegible]

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.

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