

Product Specification

SFP+ Bail and Latch Assembly

PRODUCT FEATURES

- US patent # 7,351,090
- Bail and latch for SFP+ applications
- Various Bail Color options:
 - Black
 - Blue
 - White
 - Orange
 - Beige
 - Red
 - Brown
 - Green
 - Grey

These parts are designed to provide the latching and release mechanism for pluggable SFP+ modules.

Advanced Optical Components, a division of Finisar Corp., offers the bail and the latch as piece parts for external sale to module manufacturers for use within their particular modules. The bail is available in various colors.

This datasheet provides the mechanical dimensions of the bail and the latch, the material information for the bail and the latch as well as interface directions.

PRODUCT SELECTION

| Part Number | Description |
|-----------------|---|
| FTA-BL-SFP+/BLK | BAIL, LF, SFP+, SHEET METAL BASED, BLACK |
| FTA-BL-SFP+/BLU | BAIL, LF, SFP+, SHEET METAL BASED, BLUE |
| FTA-BL-SFP+/BGE | BAIL, LF, SFP+, SHEET METAL BASED, BEIGE |
| FTA-BL-SFP+/ORG | BAIL, LF, SFP+, SHEET METAL BASED, ORANGE |
| FTA-BL-SFP+/WHT | BAIL, LF, SFP+, SHEET METAL BASED, WHITE |
| FTA-BL-SFP+/RED | BAIL, LF, SFP+, SHEET METAL BASED, RED |
| FTA-BL-SFP+/BRW | BAIL, LF, SFP+, SHEET METAL BASED, BROWN |
| FTA-BL-SFP+/GRN | BAIL, LF, SFP+, SHEET METAL BASED, GREEN |
| FTA-BL-SFP+/GRY | BAIL, LF, SFP+, SHEET METAL BASED, GREY |
| FTA-BL-SFP+/YLO | BAIL, LF, SFP+, SHEET METAL BASED, YELLOW |
| FTA-LT-SFP+ | LATCH, SFP+ |

SFP+ Bail Assembly



SFP+ Latch Assembly

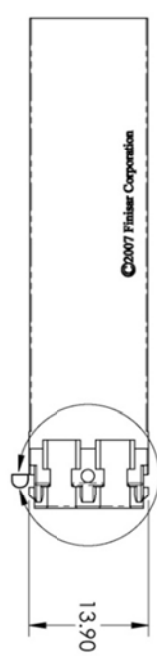
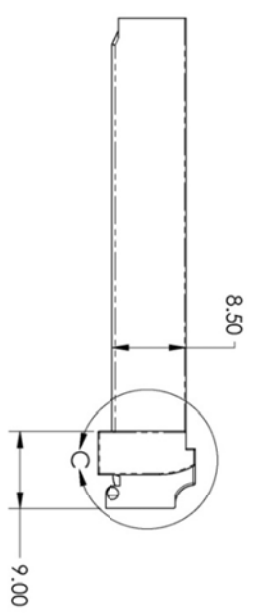
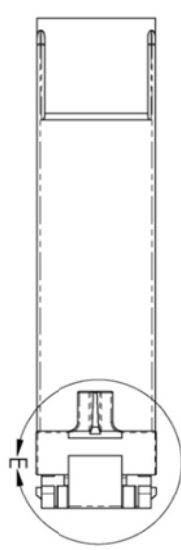
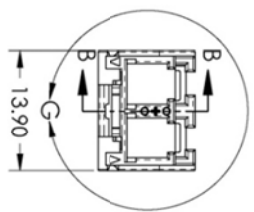
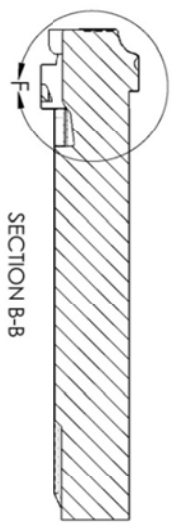
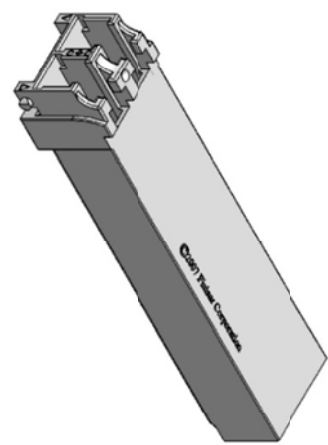


- NOTE: UNLESS OTHERWISE SPECIFIED
 1. MATERIAL: ZINC ALLOY NO.3 PER ASTM B86-88.
 2. FINISH:
 2.1 N PLATE
 2.2 CU UNDERPLATE REQUIRED OVER BASE MATERIAL.
 2.3 ALL DIMENSIONS APPLY AFTER PLATING. PLATING THICKNESS INSPECTION POINTS ARE IDENTIFIED WITH A TRIANGLE.
 3. ALL INTERNAL RADIUS SHALL BE 0.13mm MAX. CORNER RADIUS SHALL BE 0.13mm MAX.
 4. MAX DRAFT SHALL BE 1°. ALL DRAFT SHALL BE APPLIED SUCH THAT THE LIMITS OF SIZE NOTED ARE HELD AT THE SURFACES INDICATED.
 5. GATES AND EJECTORS:
 6.1 EJECTOR MARKS SHALL NOT CAUSE ANY FEATURE TO BE OUT OF ITS SPECIFIED LIMITS OF SIZE OR LOCATION.
 6.2 STA INTERSECTING LINE FLASH AND GATE VESTIGE TO BE 0.05mm HIGH MAX.
 7. CRITICAL SURFACE DIMENSIONS OR PARAMETERS.
 8.1 CRITICAL TO FUNCTION DIMENSIONS ARE IDENTIFIED WITH AN INSPECTION BUBBLE.

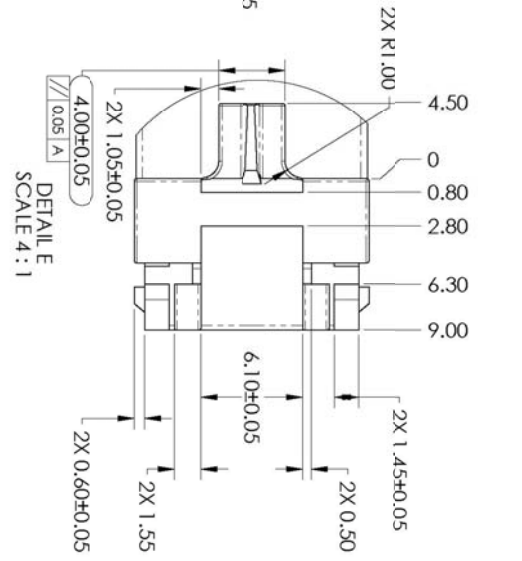
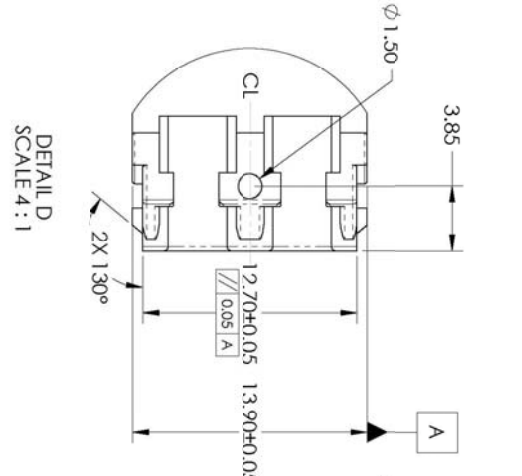
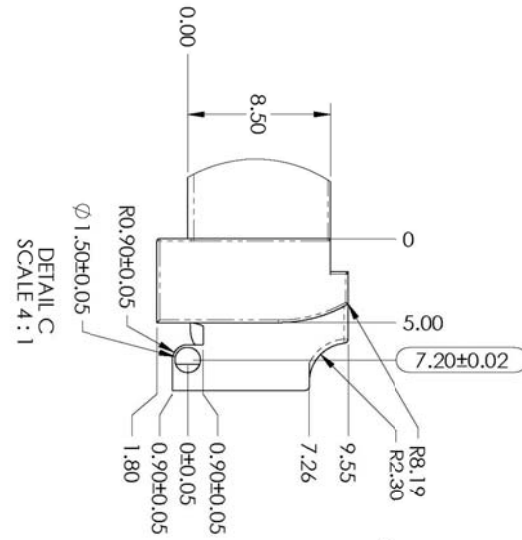
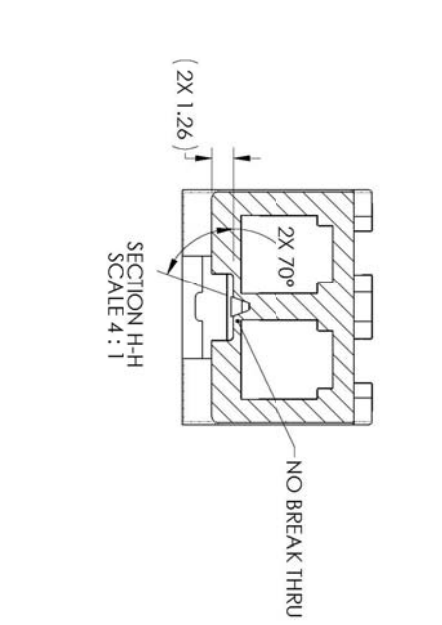
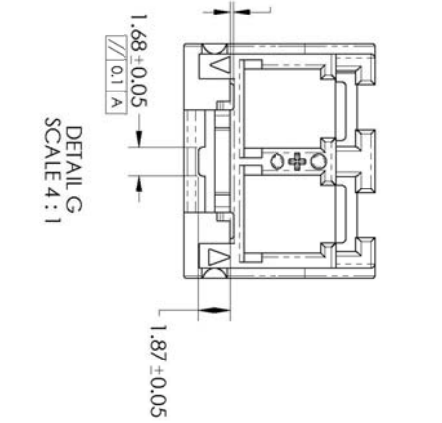
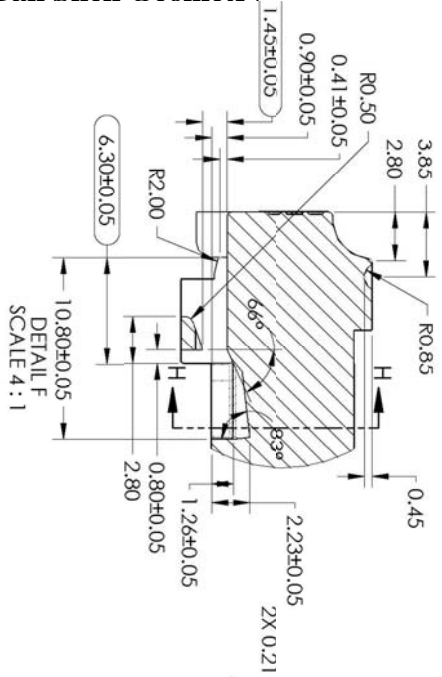
UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 TOLERANCES ARE:
 .XX ± .2
 .XXX ± .10
 .XXXX ± .050
 .XXXXX ± .0250
 ANGLES ± 1 DEG.

SFP+ Shell Geomtry

- NOTE: UNLESS OTHERWISE SPECIFIED
 1. MATERIAL: ZINC ALLOY (NO.3 PER ASTM B86-88).
 2. FINISH:
 2.1. Ni PLATE
 2.2. CU UNDERPLATE REQUIRED OVER BASE MATERIAL.
 2.3. ALL DIMENSIONS APPLY AFTER PLATING. PLATING THICKNESS INSPECTION POINTS ARE IDENTIFIED
 WITH A TRIANGLE.
 3. ALL INTERNAL RADI SHALL BE 0.13mm MAX. CORNER RADI SHALL BE 0.13mm MAX.
 4. MAX DRAFT SHALL BE 1°. ALL DRAFT SHALL BE APPLIED SUCH THAT THE LIMITS OF SIZE NOTED ARE HELD AT THE SURFACES INDICATED.
 6. GATES AND EJECTORS:
 6.1 EJECTOR MARKS SHALL NOT CAUSE ANY FEATURE TO BE OUT OF ITS SPECIFIED LIMITS OF SIZE OR LOCATION.
 6.2 STANDING PARTING LINE FLASH AND GATE VESTAGE TO BE 0.05mm HIGH MAX
 7. CRITICAL INTERFACE DIMENSIONS OR PARAMETERS
 8.1 CRITICAL TO FUNCTION DIMENSIONS ARE IDENTIFIED WITH AN INSPECTION BUBBLE.



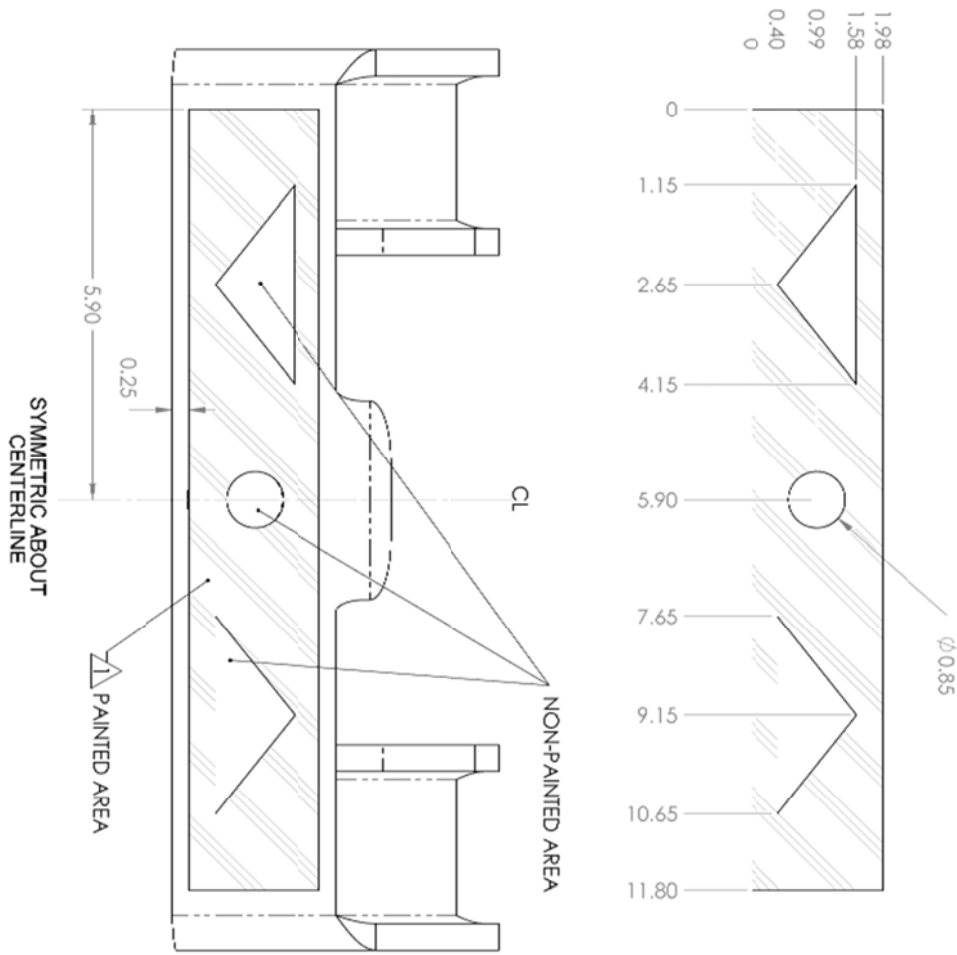
SFP+ Bail Shell Geometry



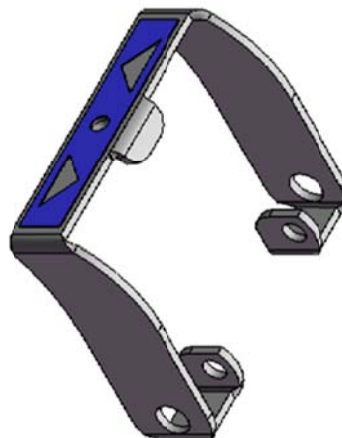
SFP+ BAIL – SHEET METAL



SFP+ BAIL – PAINT TRANSFER DECAL



NOTES:
 /A SURFACE MUST BE FREE FROM SCRATCHES, DERRIS, AND OTHER CONTAMINANTS.



Assembly Instructions



Revision History

| Revision | Date | Description |
|-----------------|-------------|----------------------------|
| N | 4/13/2013 | • Finisar Datasheet format |

XII. For More Information

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