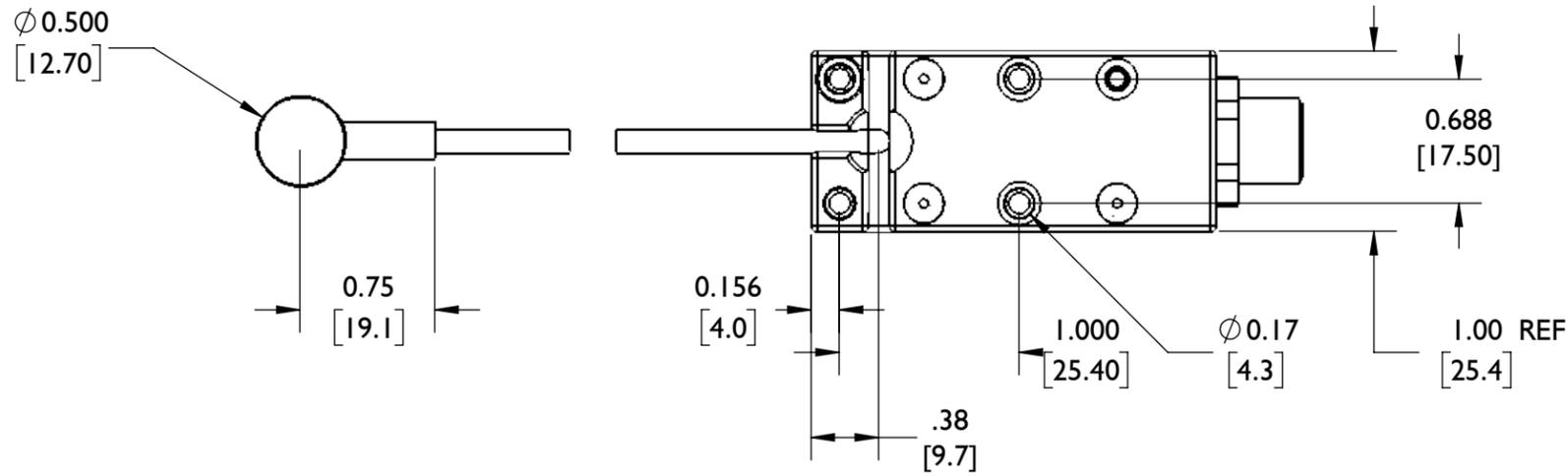
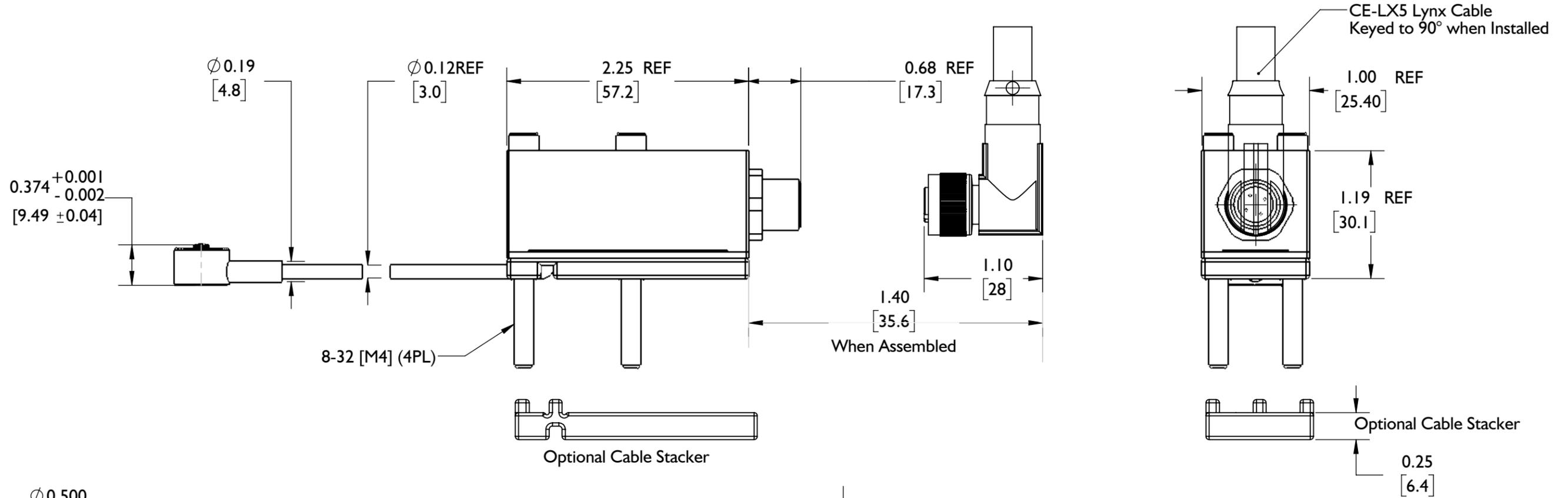


LSBI27-XXXX Single-Channel Sensor Installation—Sensor and Optional Cable Stacker Dimensions



CABLE STACKERS	SCREW LENGTH	CABLE STORED
1	1.75 [45.0]	6.00" [152.4]
2	2.00 [50.0]	12.00" [304.8]
3	2.25 [57.0]	18.00" [457.2]
4	2.50 [64.0]	24.00" [609.6]

- NOTES:
1. CLAMP PLATE APPLICATIONS REQUIRE GUIDED EJECTION
 2. EJECTOR AND TRANSFER PIN CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
 3. ENCLOSED EJECTOR BOX SUGGESTED.
 4. DO NOT SCALE PRINT
 5. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
 6. DIMENSIONS IN INCHES [MM], UNLESS NOTED
 7. TOLERANCES UNLESS SPECIFIED:
 XXX = ±0.003 [0.08]
 XX = ±0.01 [0.3]
 ANGLES = ±3° 30°

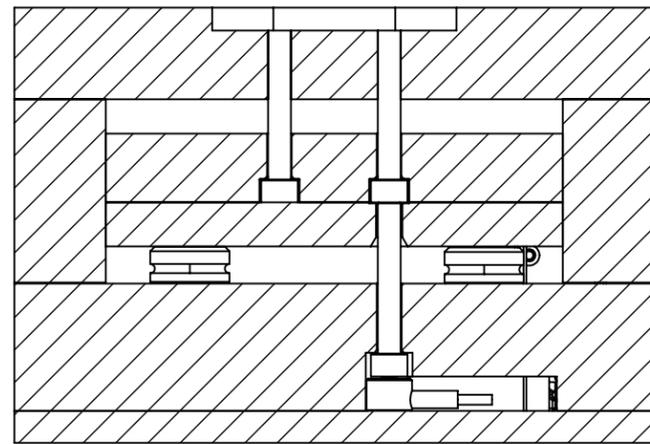
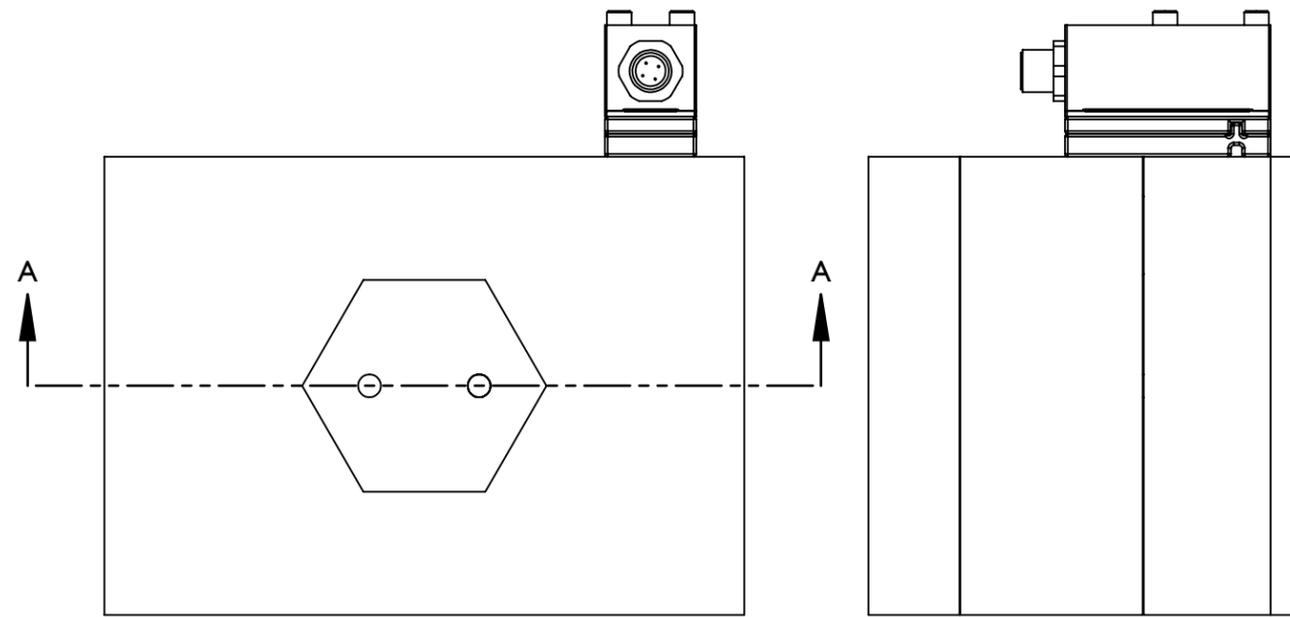
Optional Cable Stacker accomodates up to 4.0" [101.6] of extra cable.

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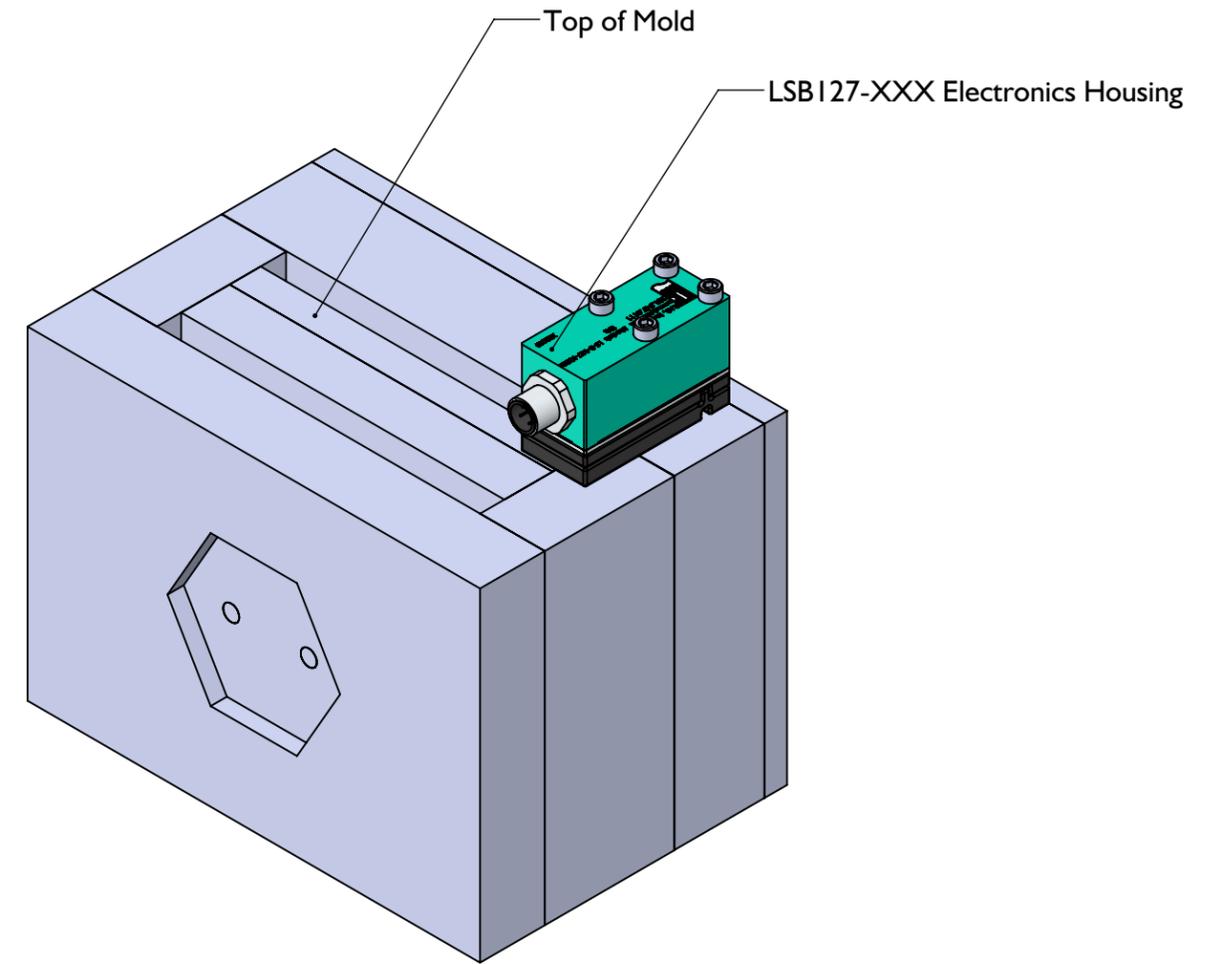
Description: LSBI27-XXXX Sensor Dimensions
 Drawn: K.J.Brettschneider
 Design:
 Check: M.Groleau
 Date: 06.11.2025

LSB127-XXXX Single-Channel Sensor Installation—Clamp Plate Installation

CLAMP PLATE INSTALLATION FOR PINS $\leq \varnothing 0.25$ [7.0]; PINS $> \varnothing 0.25$ [7.0] USE HEAD-TO-HEAD INSTALLATION ON SHEET LSB127-XXXX-04 & -05.



SECTION A-A
SCALE 1 : 2



NOTES:

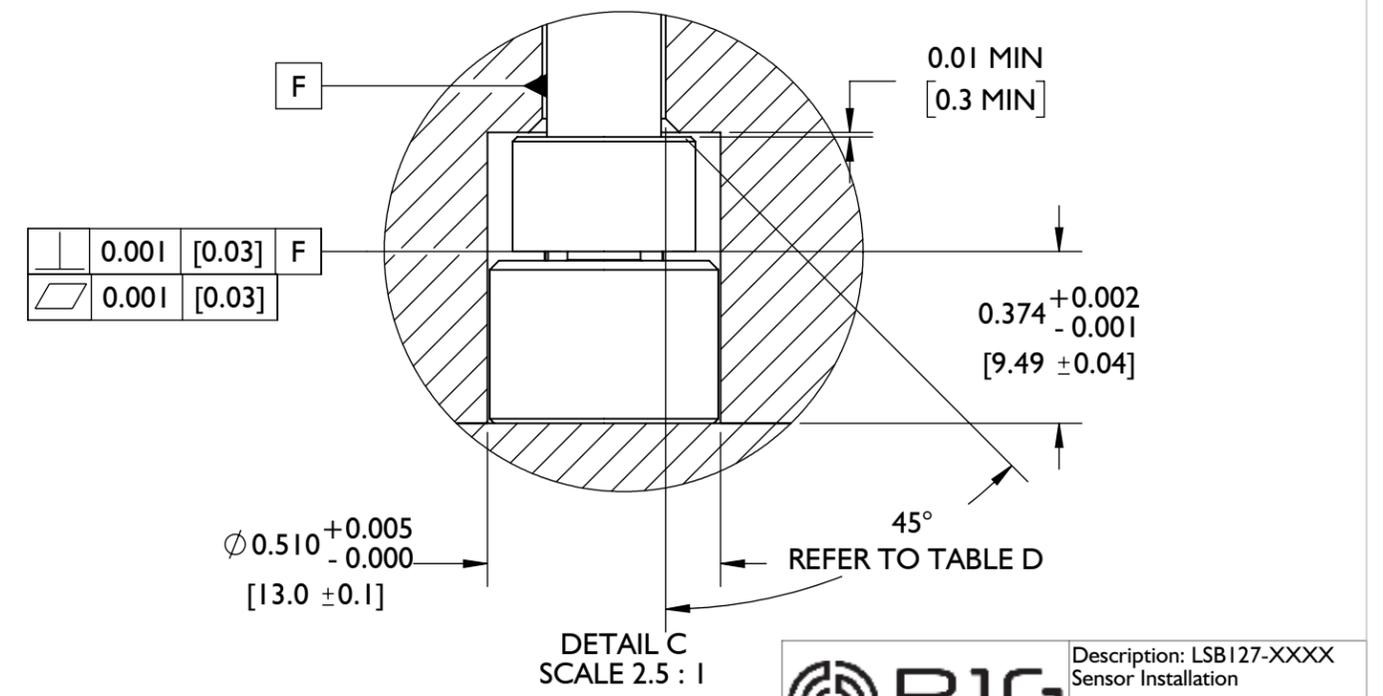
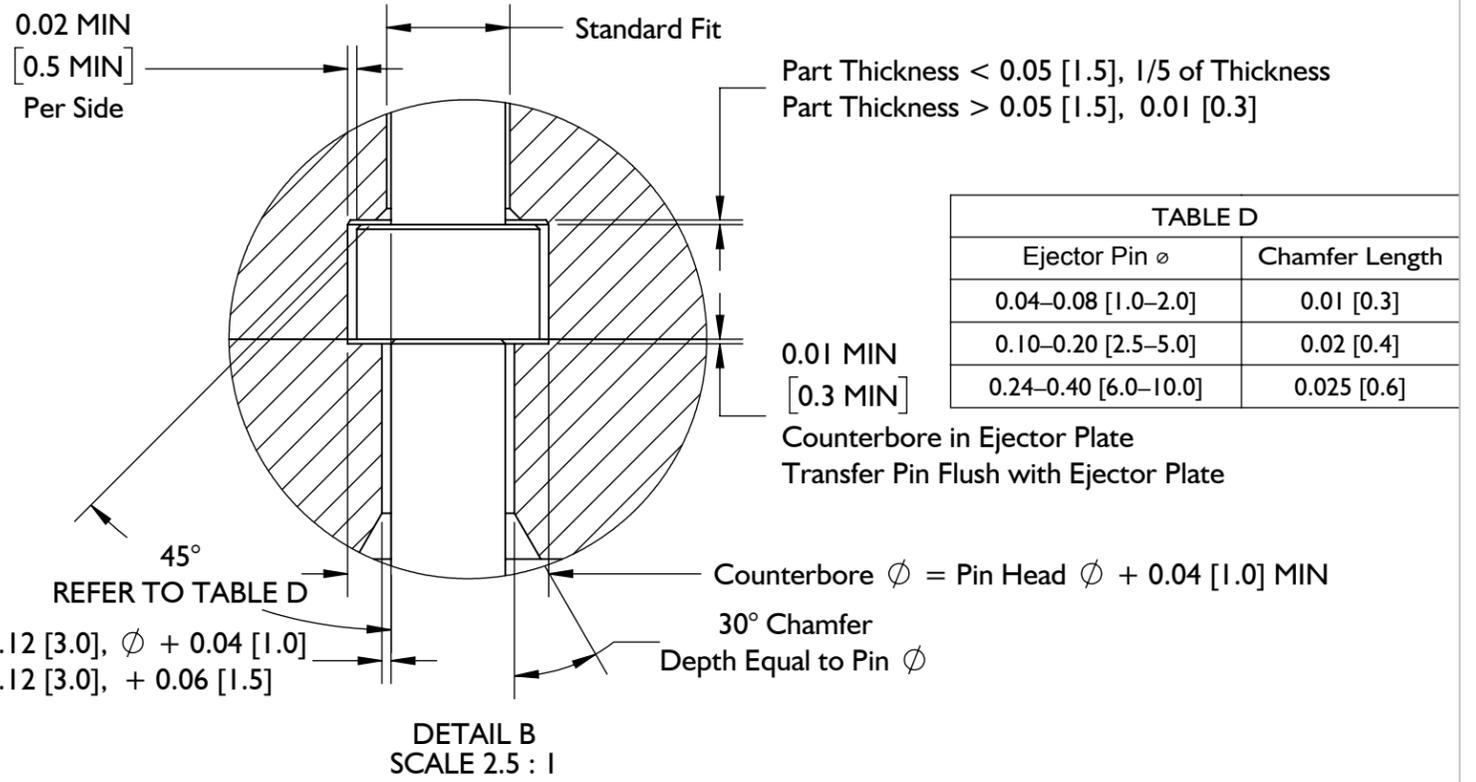
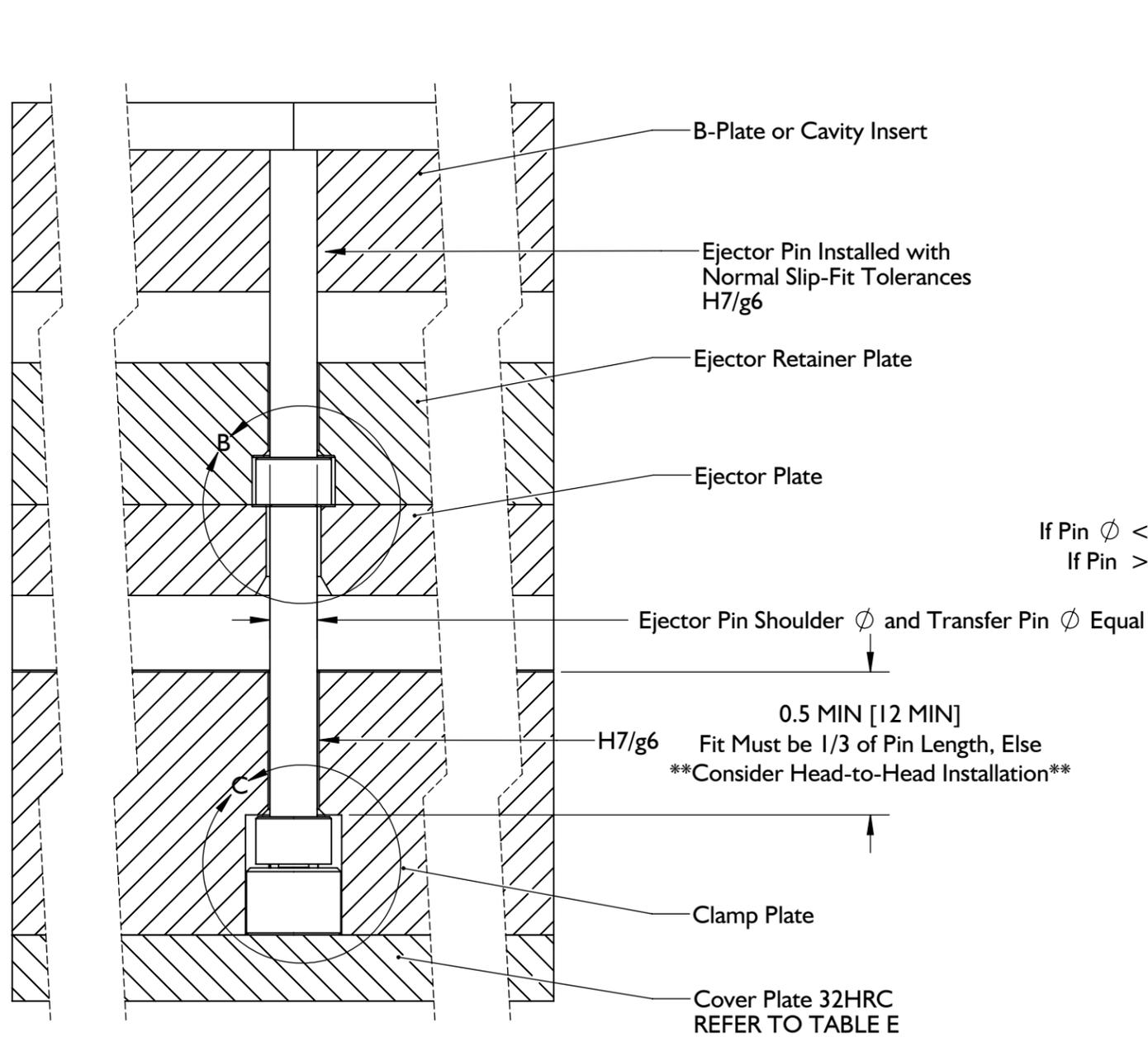
1. CLAMP PLATE APPLICATIONS REQUIRE GUIDED EJECTION
2. EJECTOR AND TRANSFER PIN CONCENTRICITY MUST BE WITHIN 0.030° [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
3. ENCLOSED EJECTOR BOX SUGGESTED.
4. DO NOT SCALE PRINT
5. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
6. DIMENSIONS IN INCHES [MM], UNLESS NOTED
7. TOLERANCES UNLESS SPECIFIED:
 XXX = ± 0.003 [0.08]
 XX = ± 0.01 [0.3]
 ANGLES = $\pm 3^\circ 30'$



Description: LSB127-XXXX
Sensor Installation
 Drawn: K.J.Brettschneider
 Design:
 Check: M.Groleau
 Date: 06.11.2025

LSB127-XXXX Single-Channel Sensor Installation—Clamp Plate Installation

CLAMP PLATE INSTALLATION FOR PINS $\leq \varnothing 0.25$ [7.0]; PINS $> \varnothing 0.25$ [7.0] USE HEAD-TO-HEAD INSTALLATION ON SHEET LSB127-XXXX-04 & -05.



- NOTES:
- CLAMP PLATE APPLICATIONS REQUIRE GUIDED EJECTION EJECTOR AND TRANSFER PIN CONCENTRICITY MUST BE WITHIN 0.030° [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
 - ENCLOSED EJECTOR BOX SUGGESTED.
 - DO NOT SCALE PRINT
 - BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
 - DIMENSIONS IN INCHES [MM], UNLESS NOTED
 - TOLERANCES UNLESS SPECIFIED:
XXX = ± 0.003 [0.08]
XX = ± 0.01 [0.3]
ANGLES = $\pm 3^\circ 30'$

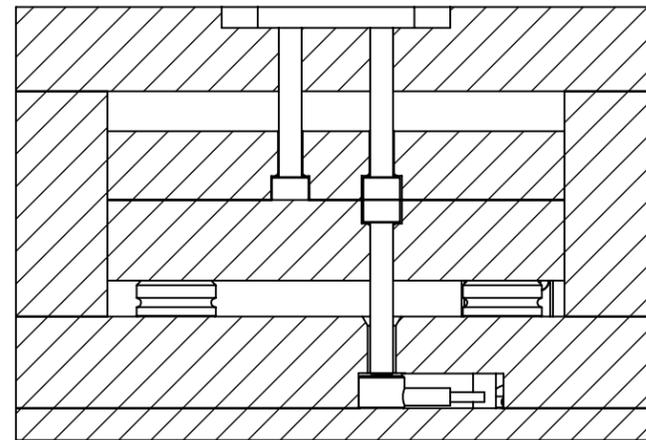
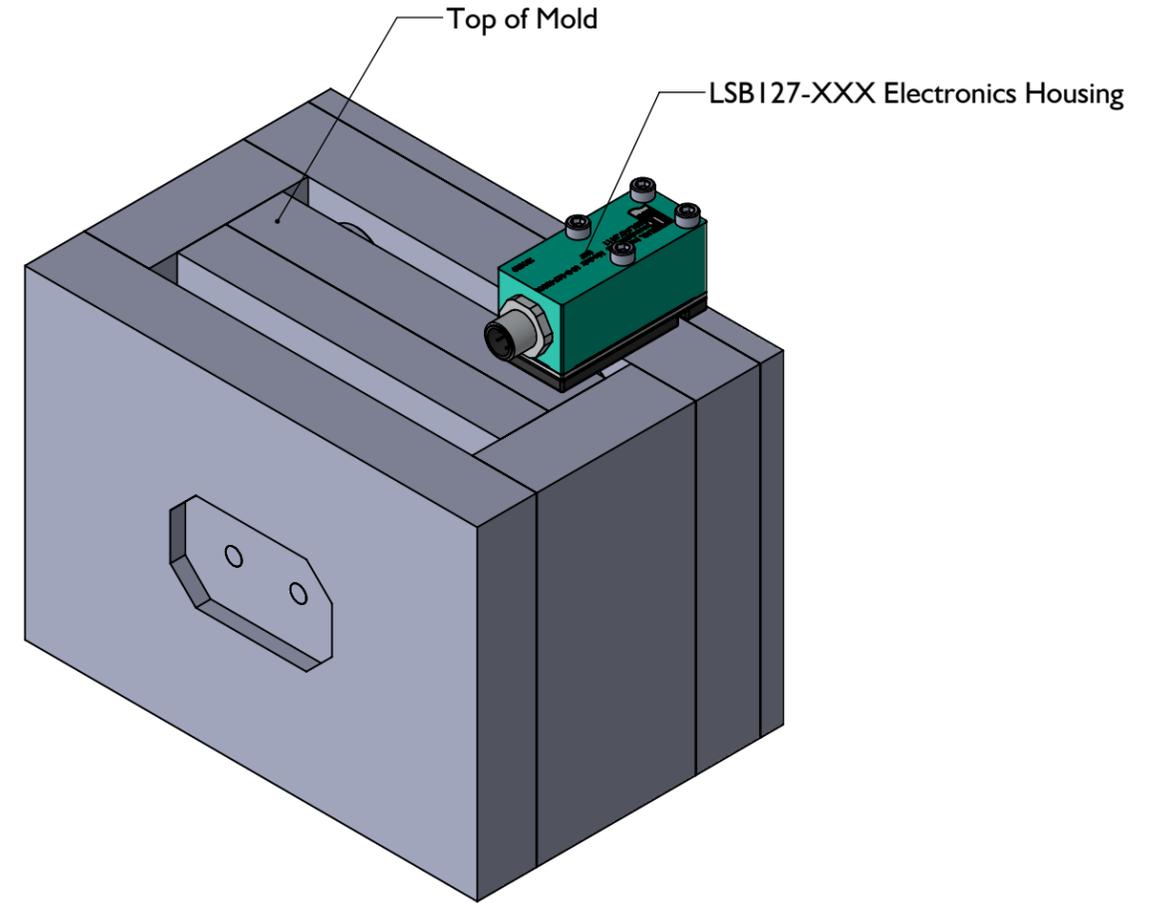
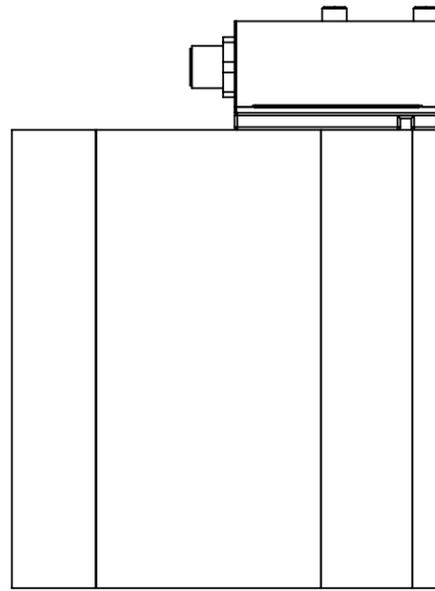
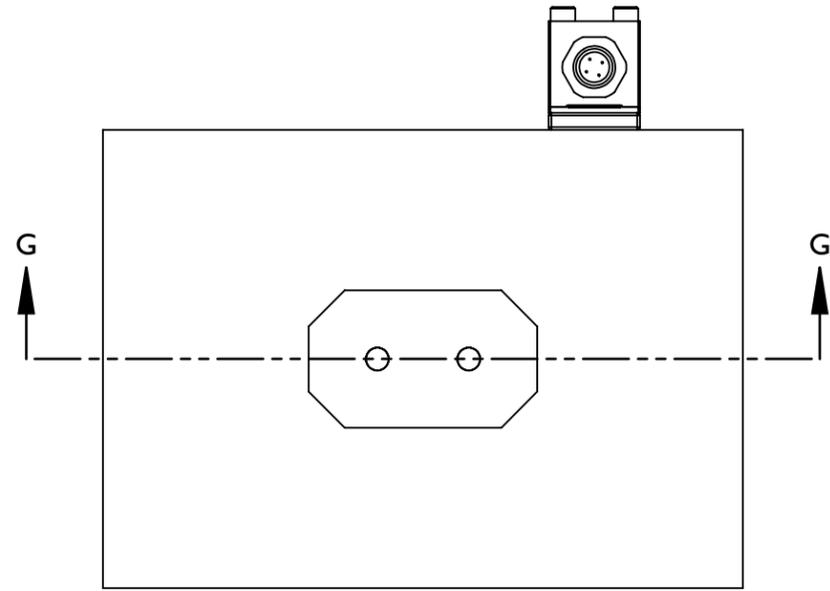
TABLE E	
Sensor Model	MIN Plate Thickness
LS-B-127-50	0.2 [5]
LS-B-127-125	0.2 [5]
LS-B-127-500	0.25 [6.0]
LS-B-127-2000	0.25 [6.0]

Refer to Product Manual for Cover Plate Alternatives

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Description: LSB127-XXXX Sensor Installation
 Drawn: K.J.Brettschneider
 Design:
 Check: M.Groleau
 Date: 06.11.2025

LSBI27-XXXX Single-Channel Sensor Installation—Head-to-Head Installation
 CLAMP PLATE INSTALLATION FOR PINS $\leq \varnothing 0.25$ [7.0]; PINS $> \varnothing 0.25$ [7.0] USE HEAD-TO-HEAD INSTALLATION.



SECTION G-G

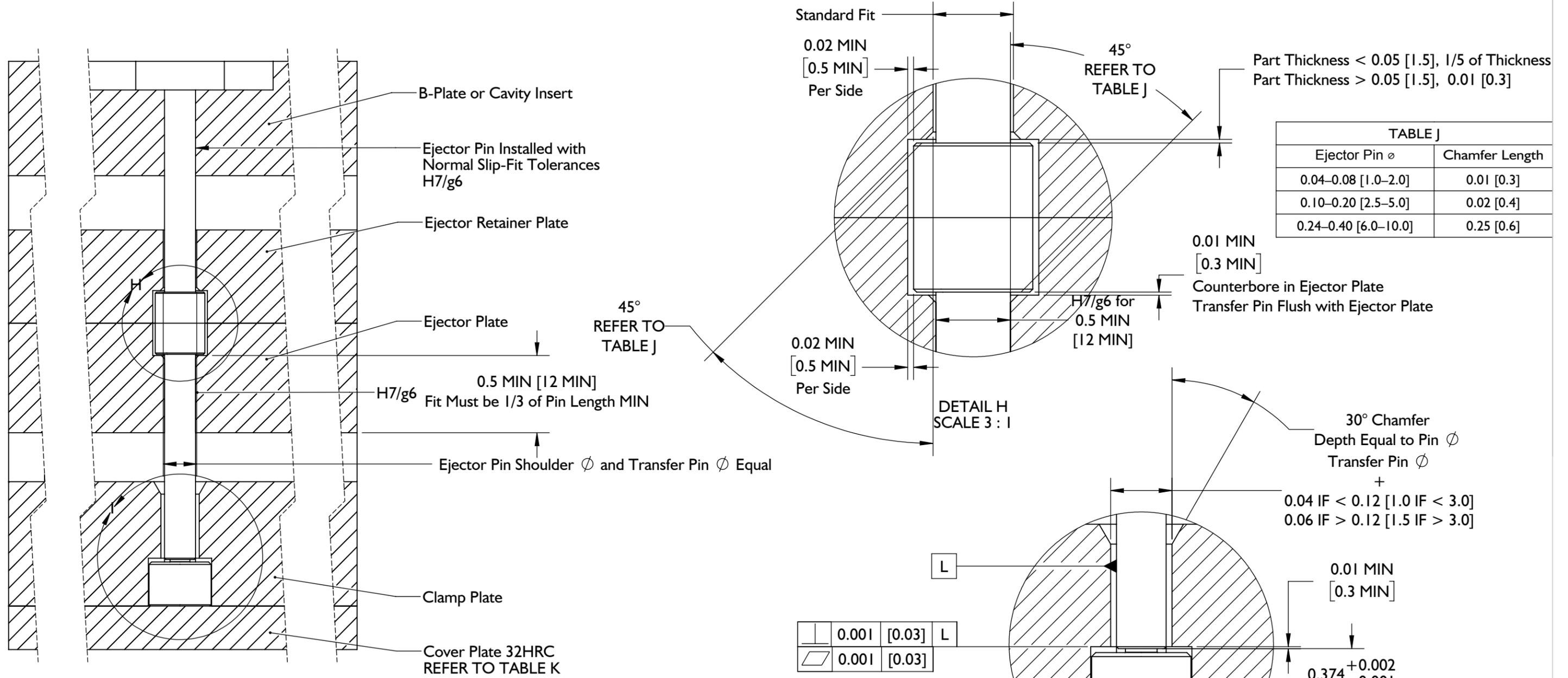
NOTES:

1. CLAMP PLATE APPLICATIONS REQUIRE GUIDED EJECTION
2. EJECTOR AND TRANSFER PIN CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
3. ENCLOSED EJECTOR BOX SUGGESTED.
4. DO NOT SCALE PRINT
5. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
6. DIMENSIONS IN INCHES [MM], UNLESS NOTED
7. TOLERANCES UNLESS SPECIFIED:
 XXX = ± 0.003 [0.08]
 XX = ± 0.01 [0.3]
 ANGLES = $\pm 3^\circ 30'$

 <p>3111 Park Street, Traverse City, MI 49686 231-944-2111 WWW.RJG.MI</p>	Description: LSBI27-XXXX Sensor Installation
	Drawn: K.J.Brettschneider
	Design:
	Check: M.Groleau
	Date: 06.11.2025

LSB127-XXXX Single-Channel Sensor Installation—Head-to-Head Installation

CLAMP PLATE INSTALLATION FOR PINS $\leq \varnothing 0.25$ [7.0]; PINS $> \varnothing 0.25$ [7.0] USE HEAD-TO-HEAD INSTALLATION.



Ejector Pin \varnothing	Chamfer Length
0.04–0.08 [1.0–2.0]	0.01 [0.3]
0.10–0.20 [2.5–5.0]	0.02 [0.4]
0.24–0.40 [6.0–10.0]	0.25 [0.6]

Sensor Model	MIN Plate Thickness
LSB127-50	0.2 [5]
LSB127-125	0.2 [5]
LSB127-500	0.25 [6.0]
LSB127-2000	0.25 [6.0]

NOTES:
 1. CLAMP PLATE APPLICATIONS REQUIRE GUIDED EJECTION
 2. EJECTOR AND TRANSFER PIN CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
 3. ENCLOSED EJECTOR BOX SUGGESTED.
 4. DO NOT SCALE PRINT
 5. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
 6. DIMENSIONS IN INCHES [MM], UNLESS NOTED
 7. TOLERANCES UNLESS SPECIFIED:
 XXX = ± 0.003 [0.08]
 XX = ± 0.01 [0.3]
 ANGLES = $\pm 3^\circ$ 30°

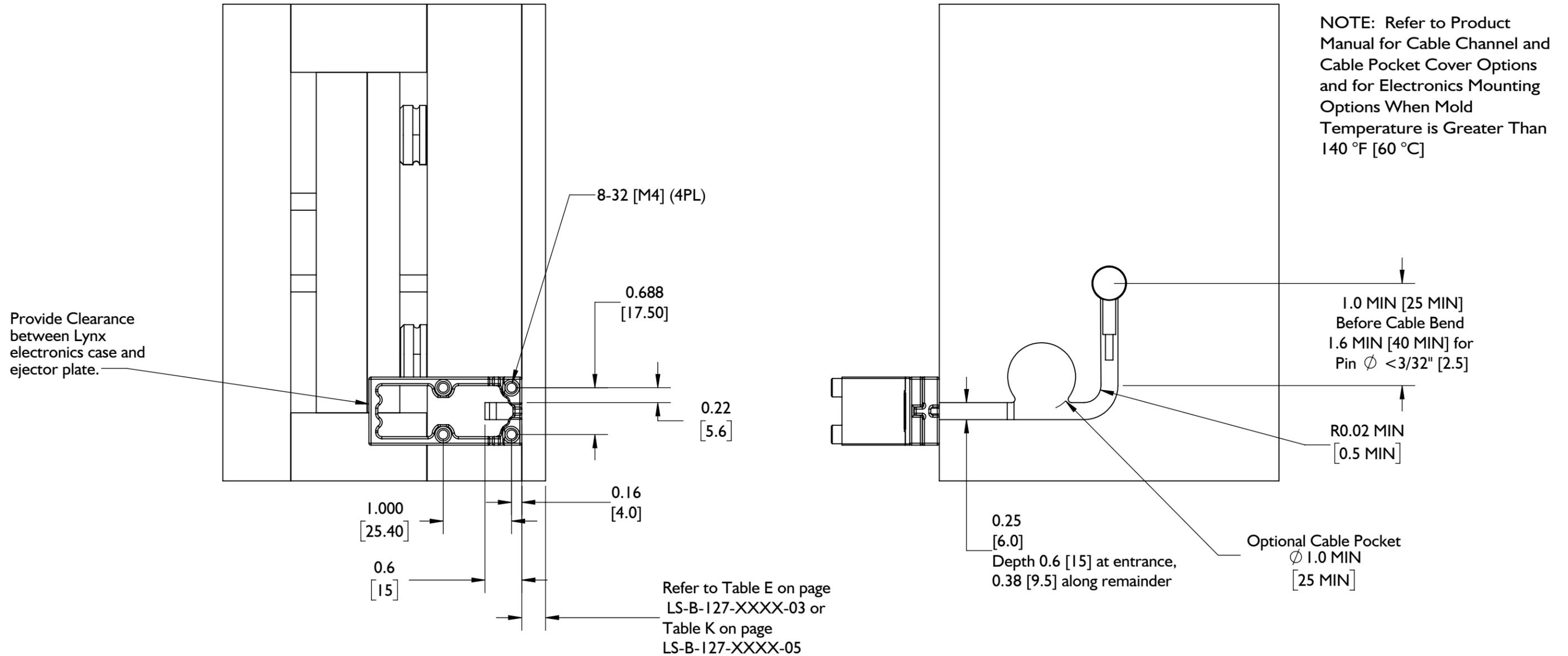
Refer to Product Manual for Cover Plate Alternatives

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Description: LSB127-XXXX Sensor Installation
 Drawn: K.J.Brettschneider
 Design:
 Check: M.Groleau
 Date: 06.11.2025

LSBI27-XXXX Single-Channel Sensor Installation—Clamp Plate/Head-to-Head Installation

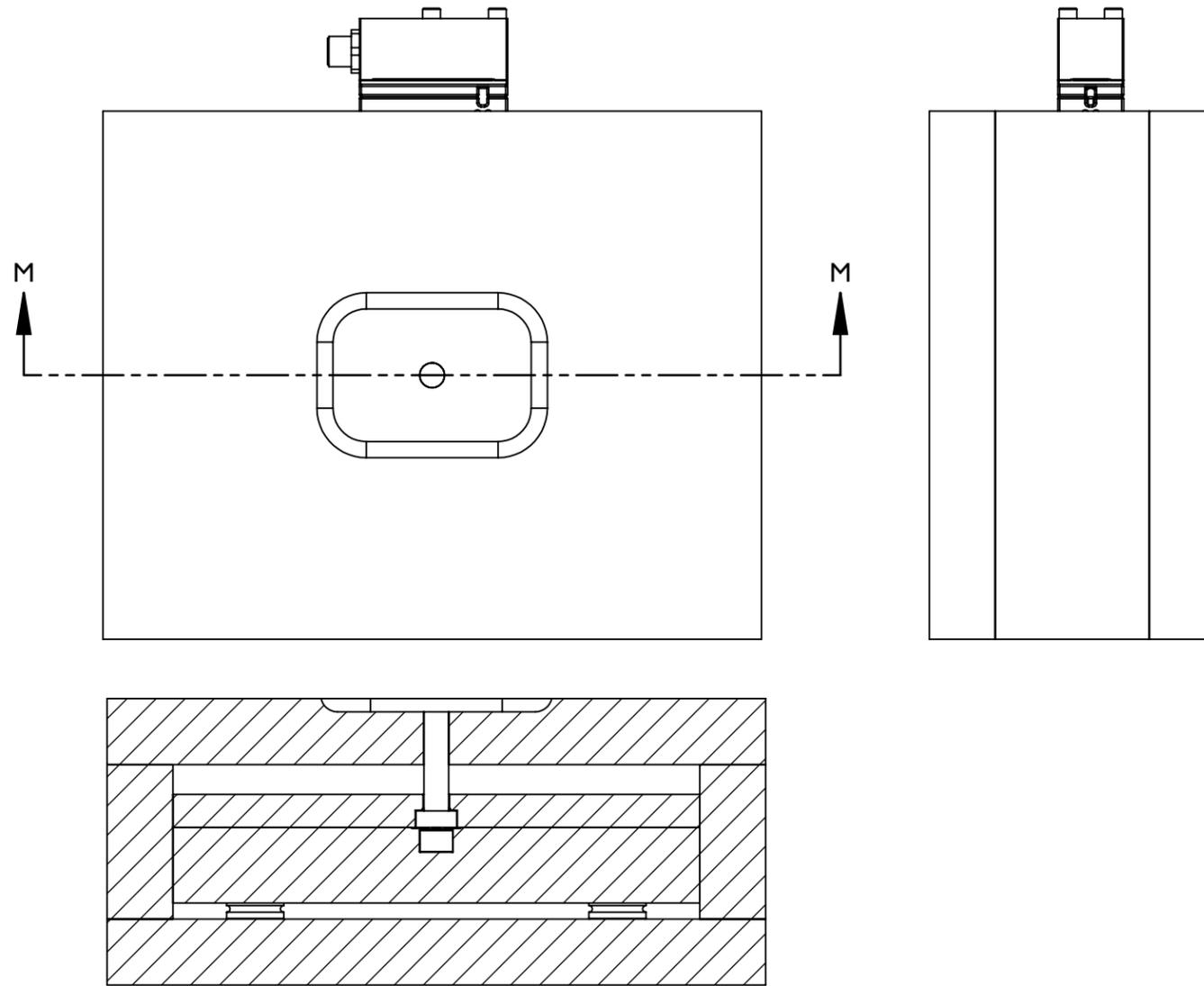
NOTE: Lynx sensor electronics case mounted in the orientation as shown to allow access to the Lynx cable connection.
Refer to Product Manual for alternate electronics case mounting options.



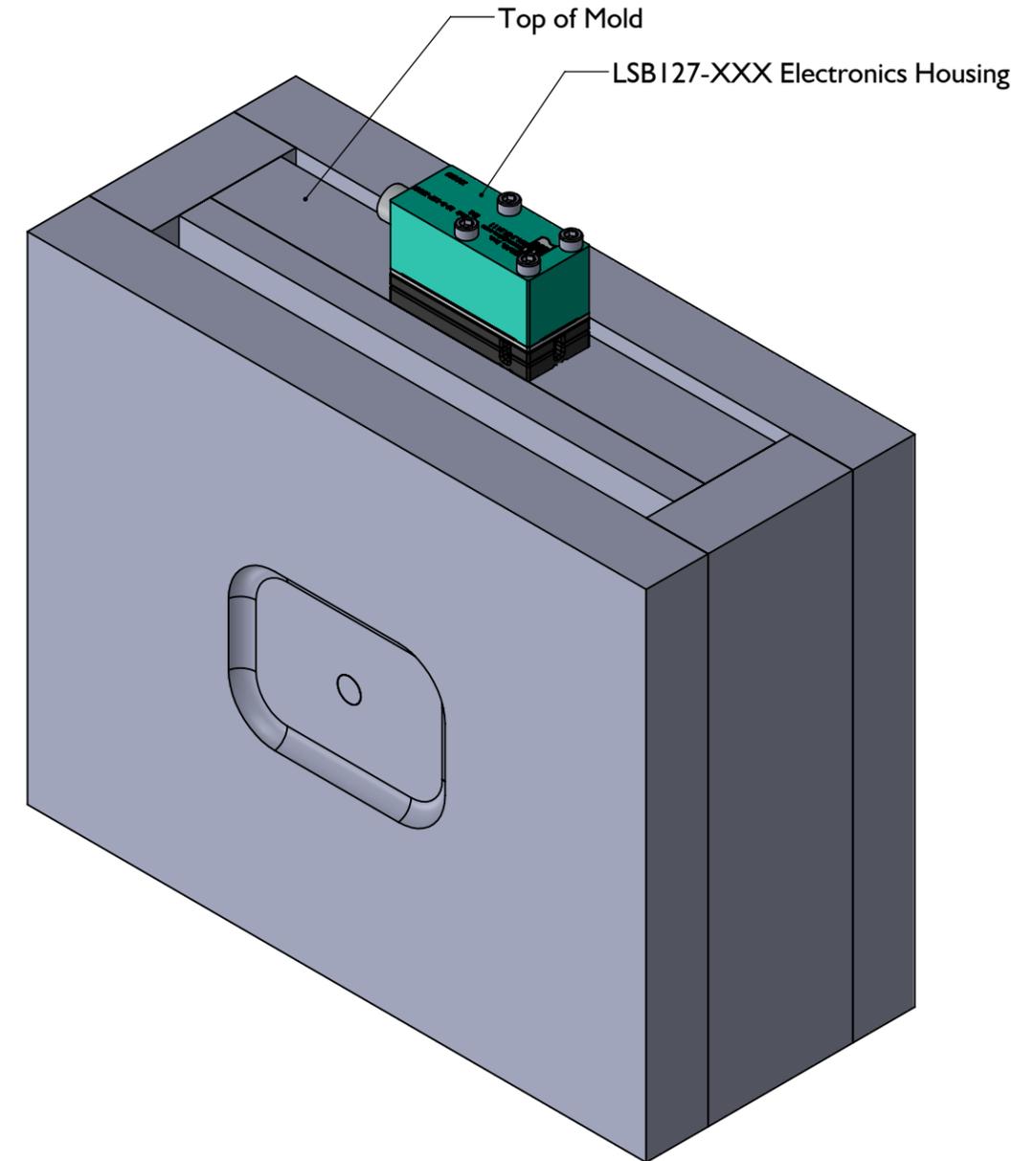
- NOTES:
1. CLAMP PLATE APPLICATIONS REQUIRE GUIDED EJECTION
 2. EJECTOR AND TRANSFER PIN CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
 3. ENCLOSED EJECTOR BOX SUGGESTED.
 4. DO NOT SCALE PRINT
 5. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
 6. DIMENSIONS IN INCHES [MM], UNLESS NOTED
 7. TOLERANCES UNLESS SPECIFIED:
 XXX = ±0.003 [0.08]
 XX = ±0.01 [0.3]
 ANGLES = ±3° 30°

 <p>3111 Park Street, Traverse City, MI 49686 231-944-2111 www.rjgusa.com</p>	Description: LSBI27-XXXX Sensor Installation
	Drawn: K.J.Brettschneider
	Design:
	Check: M.Groleau
Date: 06.11.2025	

LSBI27-XXXX Single-Channel Sensor Installation—Ejector Plate Installation



SECTION M-M
SCALE 1 : 2.5



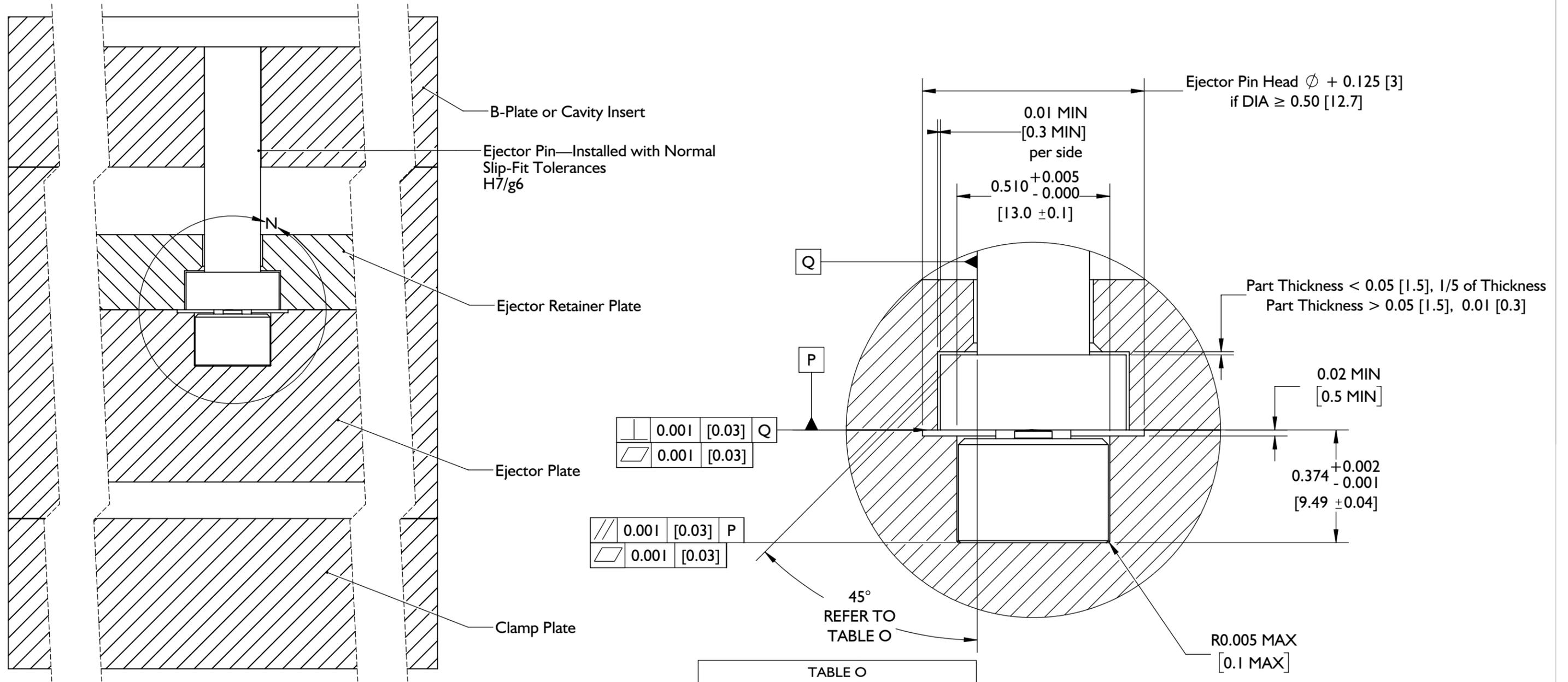
NOTES:

1. EJECTOR PIN AND SENSOR CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
2. DO NOT SCALE PRINT
3. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
4. DIMENSIONS IN INCHES [MM], UNLESS NOTED
5. TOLERANCES UNLESS SPECIFIED:
 XXX = ±0.003 [0.08]
 XX = ±0.01 [0.3]
 ANGLES = ±3° 30°



Description: LSBI27-XXXX
Sensor Installation
 Drawn: K.J.Brettschneider
 Design:
 Check: M.Groleau
 Date: 06.11.2025

LSBI27-XXXX Single-Channel Sensor Installation—Ejector Plate Installation



	0.001	[0.03]	Q
	0.001	[0.03]	

	0.001	[0.03]	P
	0.001	[0.03]	

Ejector Pin ϕ	Chamfer Length
0.04–0.08 [1.0–2.0]	0.01 [0.3]
0.10–0.20 [2.5–5.0]	0.02 [0.4]
0.24–0.40 [6.0–10.0]	0.25 [0.6]

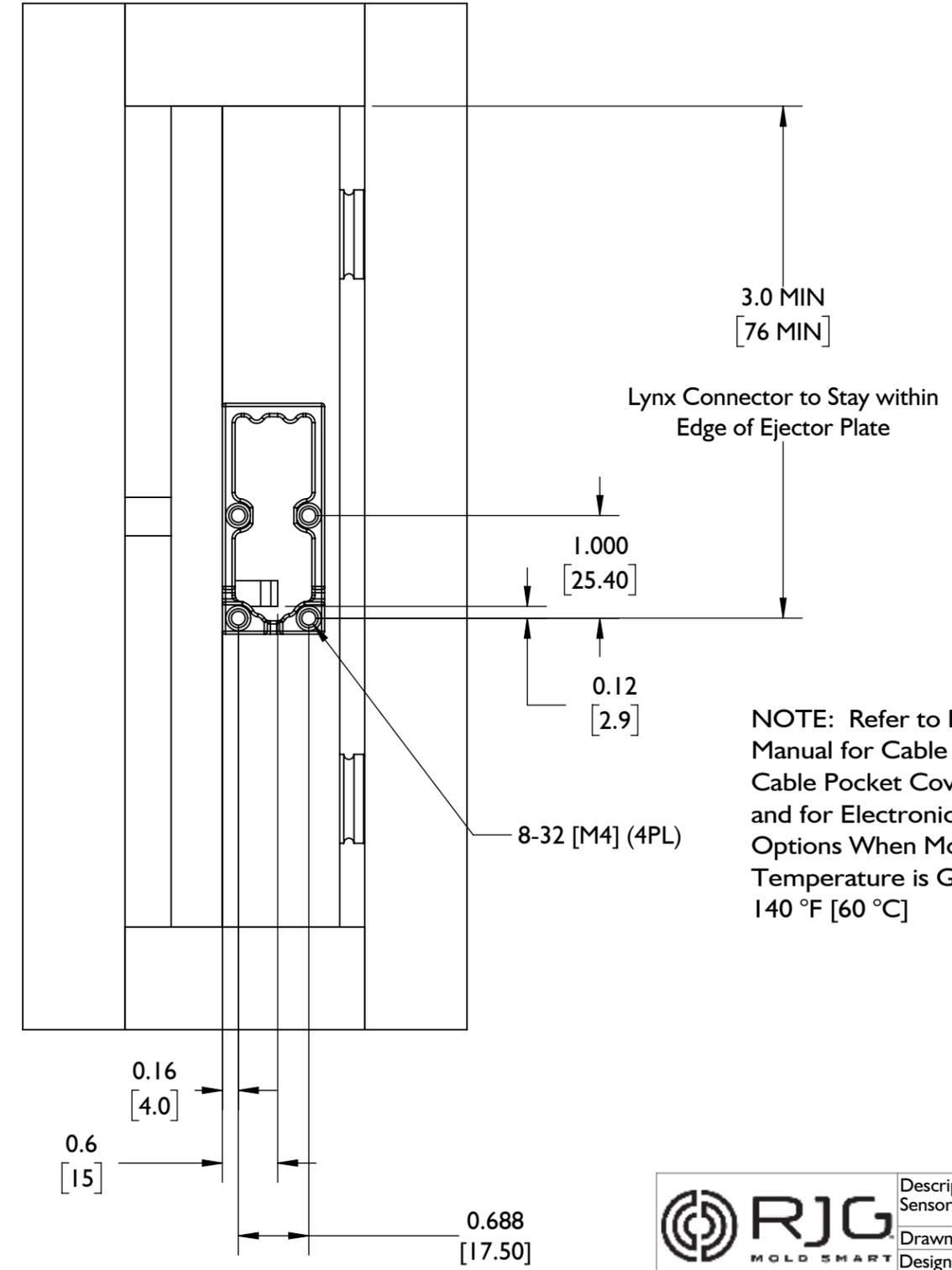
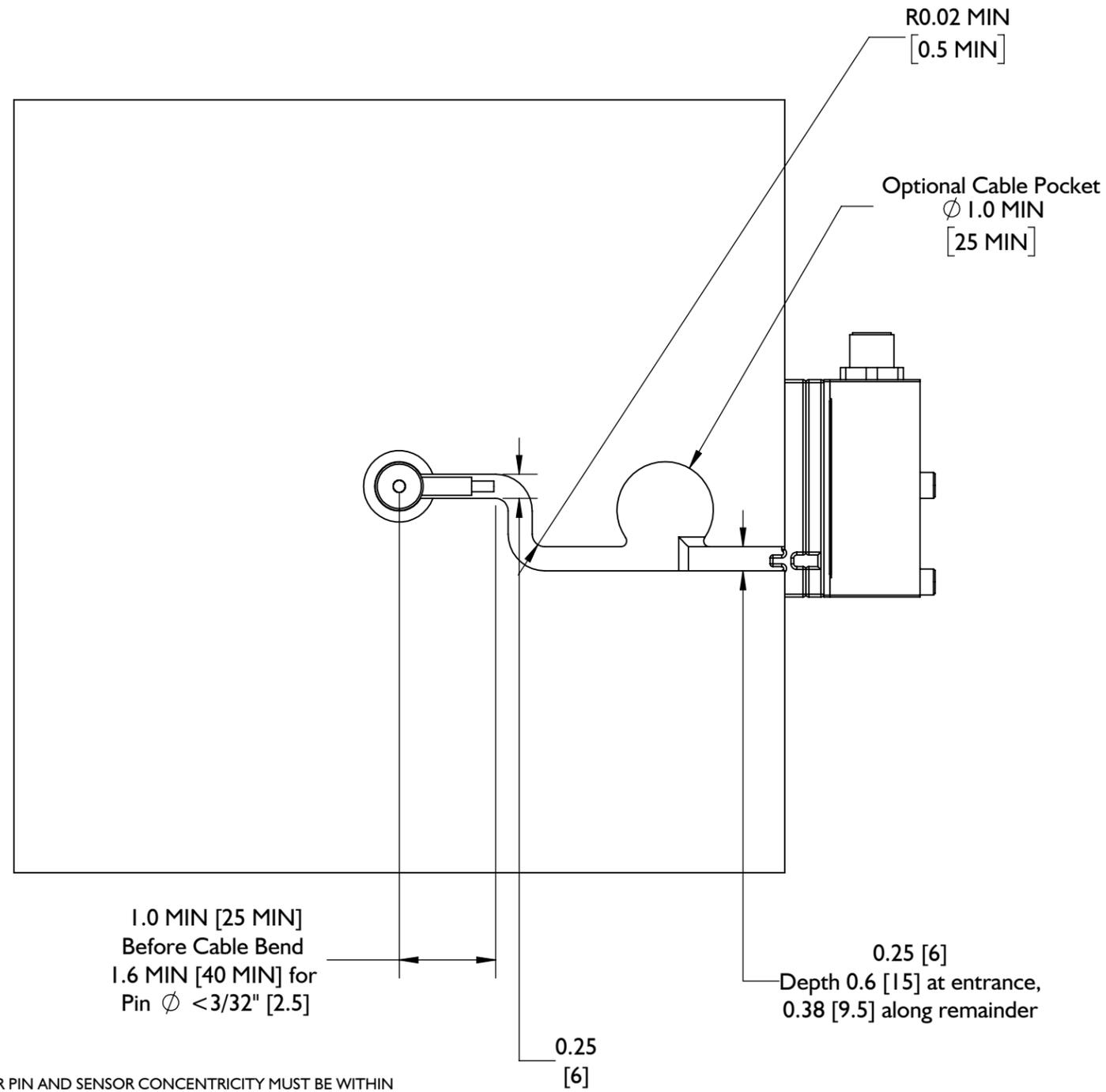
DETAIL N
SCALE 3 : 1

- NOTES:
- EJECTOR PIN AND SENSOR CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
 - DO NOT SCALE PRINT
 - BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
 - DIMENSIONS IN INCHES [MM], UNLESS NOTED
 - TOLERANCES UNLESS SPECIFIED:
 XXX = ± 0.003 [0.08]
 XX = ± 0.01 [0.3]
 ANGLES = $\pm 3^\circ$ 30°

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	Drawn: K.J.Brettschneider
	Design: M.Groleau
	Date: 06.11.2025

LSBI27-XXXX Single-Channel Sensor Installation—Ejector Plate Installation

NOTE: Lynx sensor electronics case mounted in the orientation as shown to prevent damage to components.



NOTE: Refer to Product Manual for Cable Channel and Cable Pocket Cover Options and for Electronics Mounting Options When Mold Temperature is Greater Than 140 °F [60 °C]

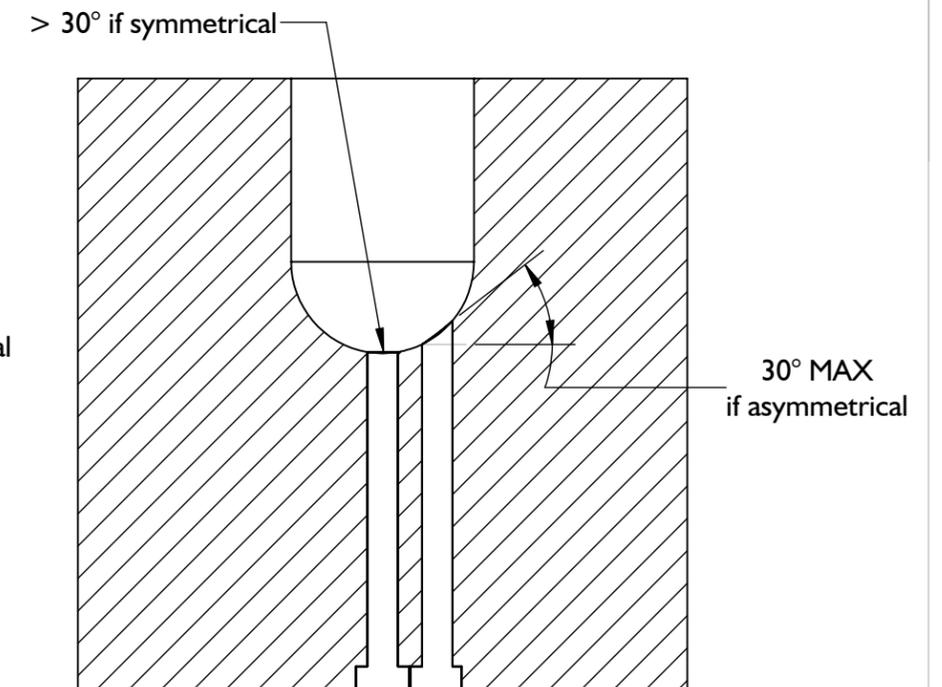
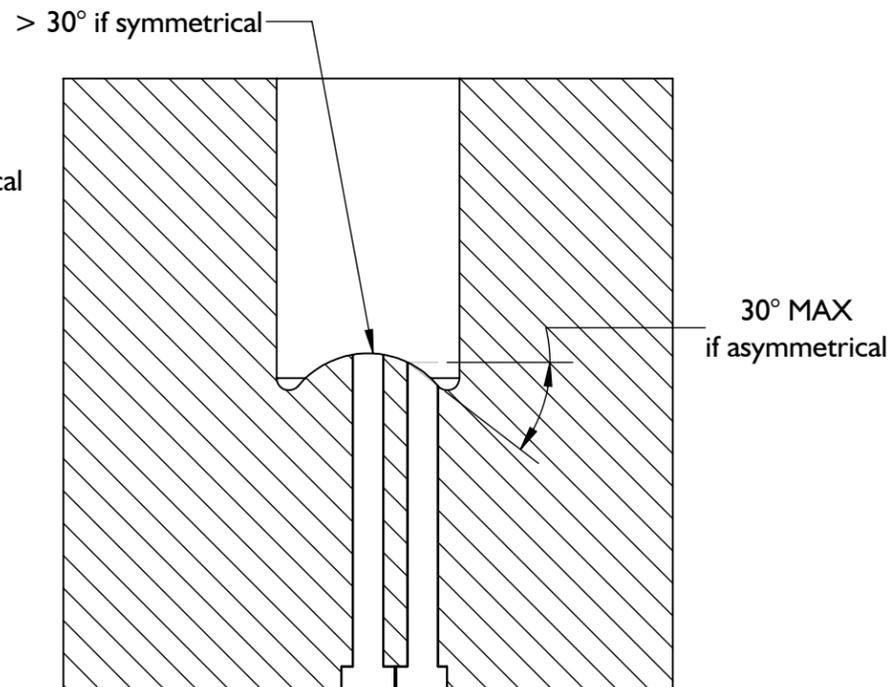
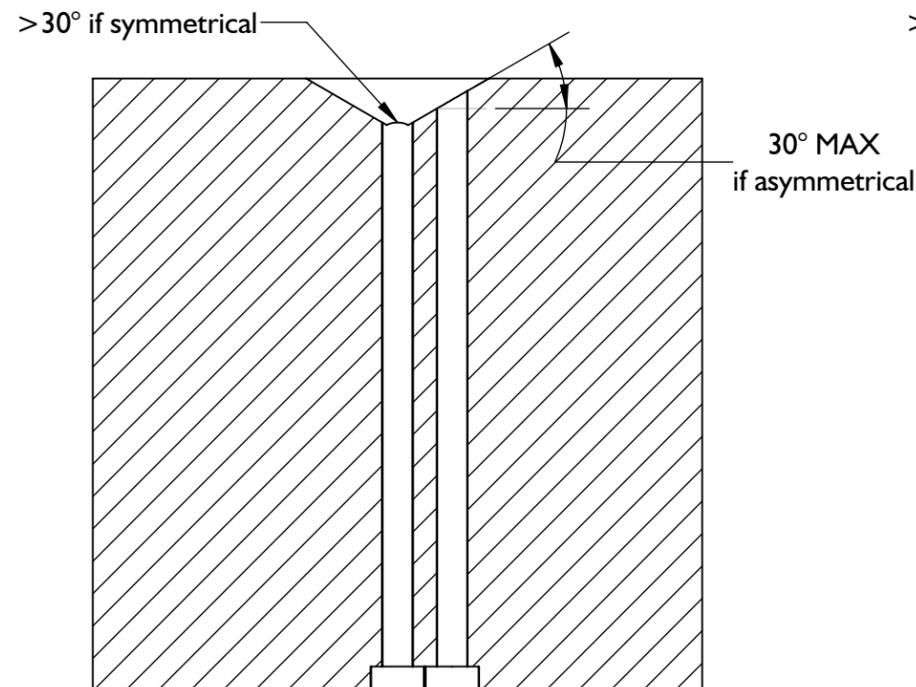
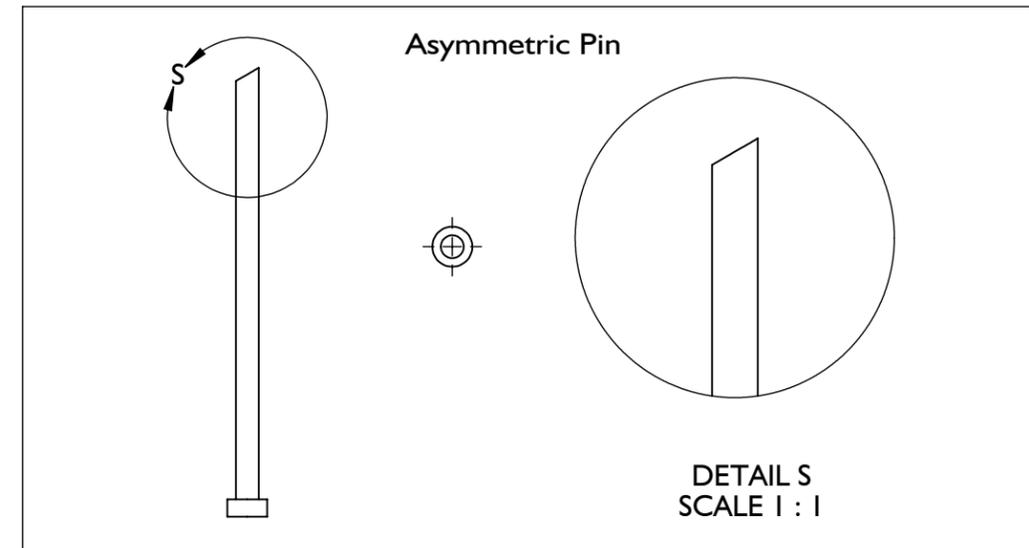
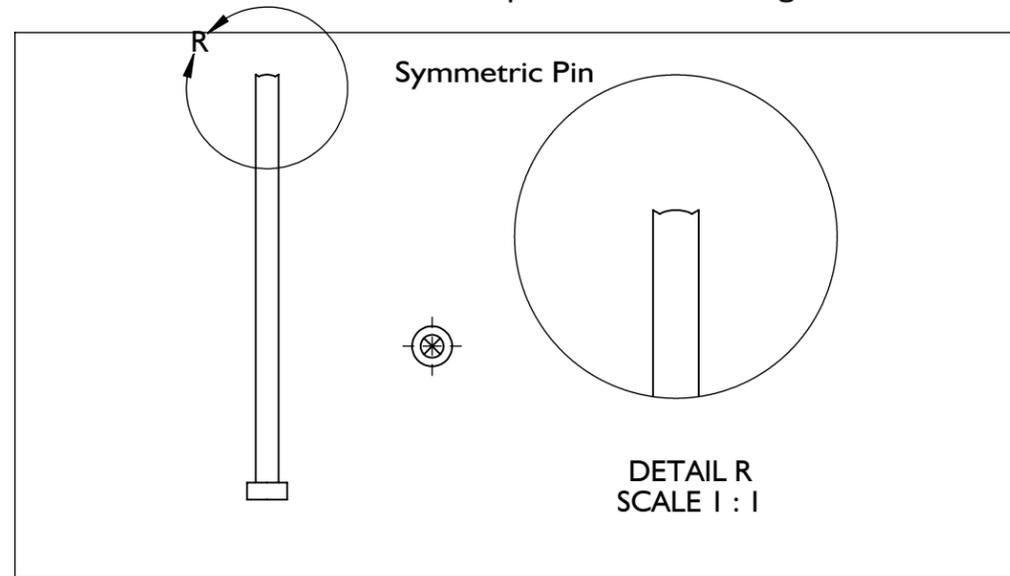
NOTES:

1. EJECTOR PIN AND SENSOR CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
2. DO NOT SCALE PRINT
3. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
4. DIMENSIONS IN INCHES [MM], UNLESS NOTED
5. TOLERANCES UNLESS SPECIFIED:
 XXX = ±0.003 [0.08]
 XX = ±0.01 [0.3]
 ANGLES = ±3° 30°

<p> 3111 Park Street, Traverse City, MI 49606 231-944-2111 WWW.RJG.MI </p>	Description: LSBI27-XXXX Sensor Installation
	Drawn: K.J.Brettschneider
	Design:
	Check: M.Groleau
Date: 06.11.2025	

LSB127-XXXX Sensor Installation—Contoured Pin Angle Specification

NOTE: Contoured/angled pins (asymmetric) not to exceed 30° MAX unless pin design is symmetrical to provide even, downward pressure across pin surface to loading of sensor. Contact RJG Customer Support for assistance in verification of contoured/angled pin use.

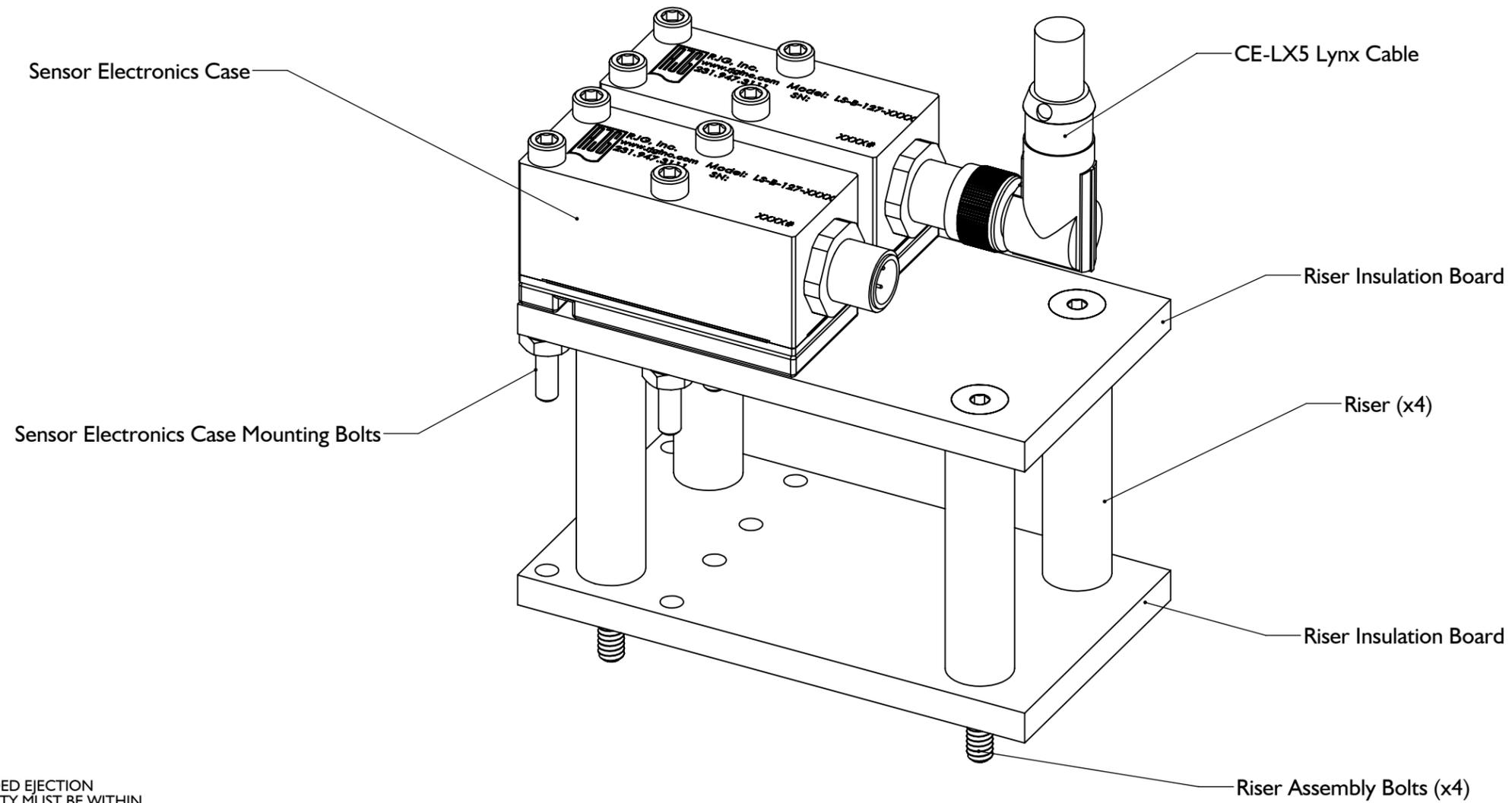


- NOTES:
1. CLAMP PLATE APPLICATIONS REQUIRE GUIDED EJECTION
 2. EJECTOR AND TRANSFER PIN CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
 3. ENCLOSED EJECTOR BOX SUGGESTED.
 4. DO NOT SCALE PRINT
 5. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
 6. DIMENSIONS IN INCHES [MM], UNLESS NOTED
 7. TOLERANCES UNLESS SPECIFIED:
 XXX = ±0.003 [0.08]
 XX = ±0.01 [0.3]
 ANGLES = ±3° 30°

 3111 Park Street, Traverso City, NJ 08006 201-244-2111 WWW.RJG.MI	Description: LSB127-XXXX Sensor Installation
	Drawn: K.J.Brettschneider
	Design:
	Check: M.Groleau
Date: 06.11.2025	

LSB127-XXXX-H Sensor Installation—Sensor Electronics Housing Installation for High Temperatures

NOTE: The sensor electronics housing must be kept below 140 °F (60 °C) for all LSB127-XXXX and LSB127-XXXX-H sensor models. Refer to the drawing below as a guide; RJG does NOT provide riser assembly pictured below—riser assembly and design is responsibility of customer. Contact RJG Customer Support for assistance with high-temperature sensor electronics housing protection designs.



NOTES:

1. CLAMP PLATE APPLICATIONS REQUIRE GUIDED EJECTION
2. EJECTOR AND TRANSFER PIN CONCENTRICITY MUST BE WITHIN 0.030" [0.76] OR 10% OF EJECTOR PIN DIA, WHICHEVER IS SMALLER.
3. ENCLOSED EJECTOR BOX SUGGESTED.
4. DO NOT SCALE PRINT
5. BREAK ALL SHARP EDGES, 0.005 [0.03] R MAX
6. DIMENSIONS IN INCHES [MM], UNLESS NOTED
7. TOLERANCES UNLESS SPECIFIED:
 XXX = ±0.003 [0.08]
 XX = ±0.01 [0.3]
 ANGLES = ±3° 30°

 <small>3111 Park Street, Traverso City, NJ 08006 201-944-2111 WWW.RJG.COM</small>	Description: LSB127-XXXX Sensor Installation
	Drawn: K.J.Brettschneider
	Design:
	Check: M.Groleau
Date: 06.11.2025	