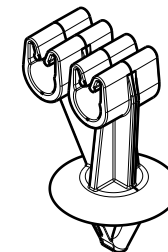
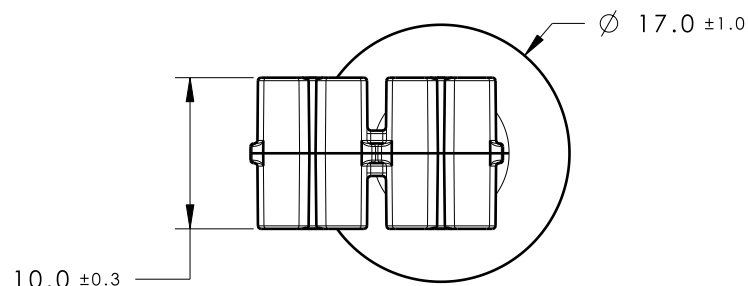
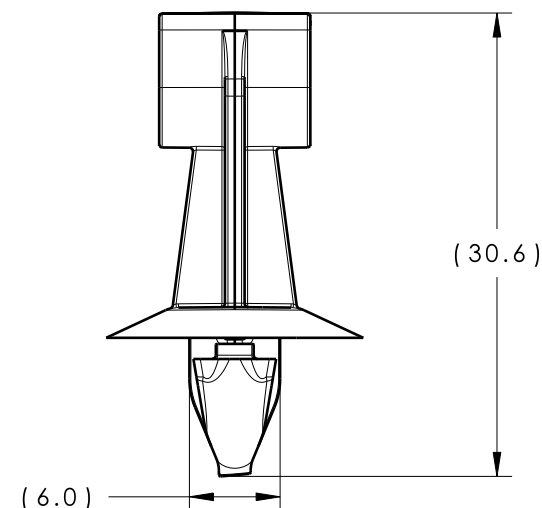
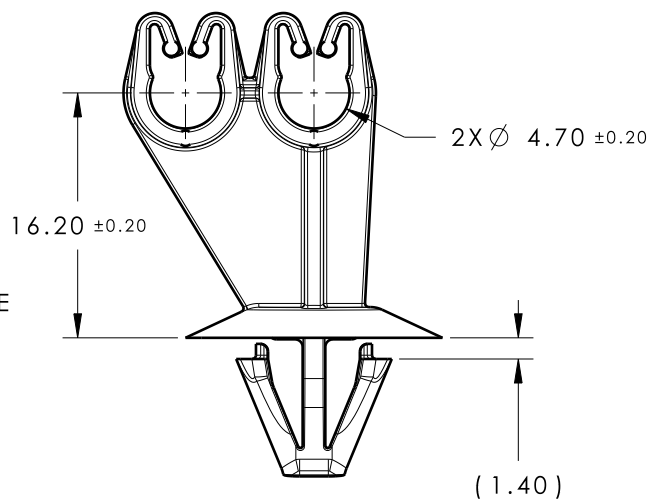


CATIA V5



| Revision Level |                |      | Revision Record | Changed | Date   | Approved | Date   |
|----------------|----------------|------|-----------------|---------|--------|----------|--------|
| Drawing        | State          | Part |                 |         |        |          |        |
| 01.1           | Design Release |      | SEE ECN# 014390 | TAT     | 4/4/18 | EJH      | 4/4/18 |

ISOMETRIC VIEW  
SCALE 1:1

## PERFORMANCE REQUIREMENTS:

1. PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.4mm.
2. PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.4mm.
3. SHEET METAL THICKNESS RANGE: 1.20mm - 1.60mm
4. APPLICABLE HOLE SIZE:
  - A. 6.50mm +/- 0.4
  - B. 6.35mm HEX +/- 0.25
5. CLIP PUSH ON FORCE: 55 NEWTONS (12.5 LBS) MAX USING NOMINAL PIN SIZE OF 4.7MM

## NOTES:

1. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
2. MAX ALLOWABLE FLASH OR MISMATCH TO BE 1MM

01.1

|                                       |                                                                        |                                                                                                                                                                                                                                                    |                                                                                                        |     |         |                        |                               |                |         |
|---------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----|---------|------------------------|-------------------------------|----------------|---------|
| Material<br>PA66HIRHS<br>COLOR: BLACK | Units <b>millimeters</b><br><br>Tolerance defined on<br>each dimension | The copyright of this<br>drawing is reserved by<br>HellermannTyton. It is<br>issued on condition that it is<br>not reproduced, copied or<br>disclosed to a third party,<br>either wholly or in part,<br>without the consent of<br>HellermannTyton. | Drawn                                                                                                  | TAT | 4/19/17 | Article/Type-No        | PC5X2SO                       | Scale          | 2:1     |
|                                       |                                                                        |                                                                                                                                                                                                                                                    | Approved                                                                                               | EJH | 4/20/17 | Title                  | TWO 4.7MM CLIPS WITH 6.5MM AH | Project Number | 17-0127 |
|                                       |                                                                        |                                                                                                                                                                                                                                                    | <b>HellermannTyton</b><br>North America<br>Email: corp@htamericas.com<br>Web: www.hellermann.tyton.com |     |         | Drawing-No             | PRODUCTION : Phase            | Format         | AH      |
|                                       |                                                                        |                                                                                                                                                                                                                                                    |                                                                                                        |     |         | <b>17-0127-002-CSU</b> |                               | Sheet          | 1/1     |