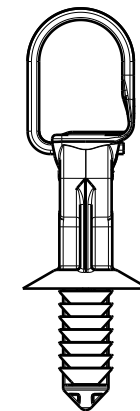
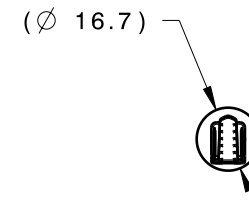
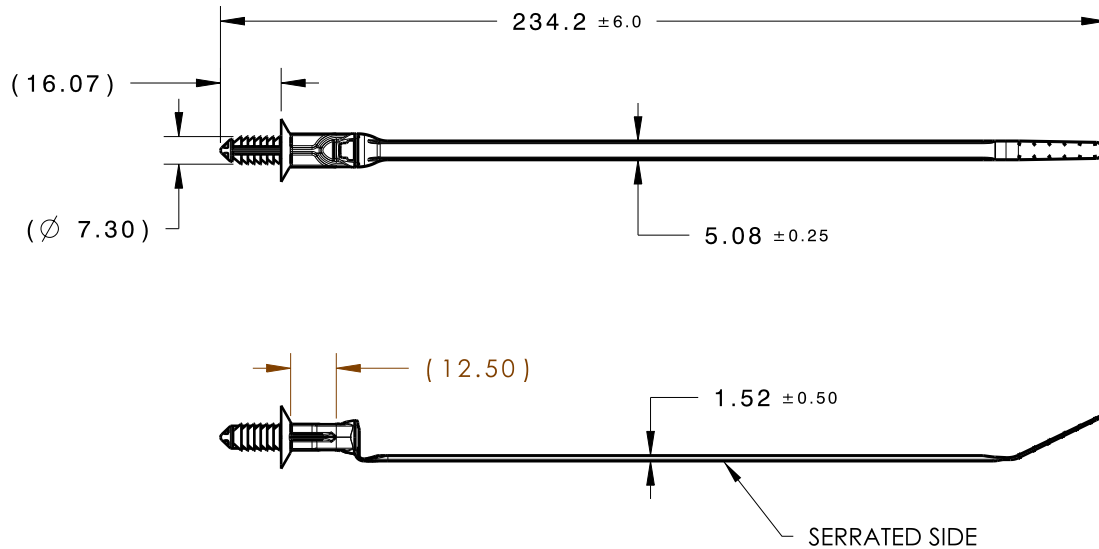


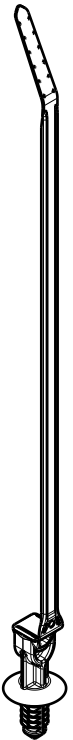
CATIA V5



| Revision Level |                |      | Revision Record | Changed | Date     | Approved | Date     |
|----------------|----------------|------|-----------------|---------|----------|----------|----------|
| Drawing        | State          | Part |                 |         |          |          |          |
| 00.1           | Design Release |      | SEE ECN# 014306 | HDC     | 07/05/18 | KVH      | 07/05/18 |



ASSEMBLED VIEW  
SCALE 1:1



ISOMETRIC VIEW

#### REFERENCE:

#### PERFORMANCE REQUIREMENTS:

1. FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX  
IN THE APPLICABLE NOMINAL HOLE SIZE AND A  
PLATE THICKNESS OF 1.8mm.
2. FIR TREE PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN  
IN THE APPLICABLE NOMINAL HOLE SIZE AND A  
PLATE THICKNESS OF 1.8mm.
3. SHEET METAL THICKNESS RANGE: 0.60mm - 6.0mm
4. APPLICABLE HOLE SIZE:  
A. 6.5mm +/- 0.4
5. CABLE TIE MIN TENSILE STRENGTH: 225 NEWTONS (50 LBS)
6. BUNDLE RANGE: 2.0mm TO 50mm
7. MAXIMUM PERCENT REGRIND PERMISSABLE: 25%
8. MAXIMUM ALLOWABLE MISMATCH TO BE: 0.1mm
9. MAXIMUM ALLOWABLE FLASH TO BE: 0.25mm

| GLOBAL PART DESCRIPTION | MATERIAL | COLOR |
|-------------------------|----------|-------|
| T50ROSFT612.5SO-PA46-BN | PA46     | BROWN |

|                           |                                     |                                                                                                                                    |                                                                                                                                                                                                                            |       |                            |                    |                                     |                 |         |     |  |  |
|---------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------|--------------------|-------------------------------------|-----------------|---------|-----|--|--|
| Material<br><br>SEE CHART | Units                               | millimeters                                                                                                                        | The copyright of this drawing is reserved by HellermannTyton. It is issued on condition that it is not reproduced, copied or disclosed to a third party, either wholly or in part, without the consent of HellermannTyton. | Drawn | HDC                        | 07/05/18           | Article/Type-No                     | T50ROSFT612.5SO | Scale   | 1:2 |  |  |
|                           | Tolerance defined on each dimension | Approved                                                                                                                           |                                                                                                                                                                                                                            | KVH   | 07/05/18                   | Title              | 12.5mm STAND OFF CABLE TIE WITH FT6 | Project Number  | 13-0226 |     |  |  |
|                           |                                     | <div>HellermannTyton</div> <div>North America</div> <div>Email: corp@htamericas.com</div> <div>Web: www.hellermann.tyton.com</div> |                                                                                                                                                                                                                            |       | Drawing-No                 | PRODUCTION : Phase |                                     | Format          |         | AH  |  |  |
|                           |                                     |                                                                                                                                    |                                                                                                                                                                                                                            |       | <div>13-0226-002-CSU</div> |                    |                                     | Sheet           |         | 1/1 |  |  |
|                           |                                     |                                                                                                                                    |                                                                                                                                                                                                                            |       |                            |                    |                                     |                 |         |     |  |  |