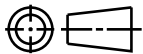
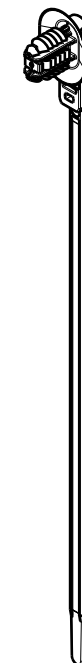
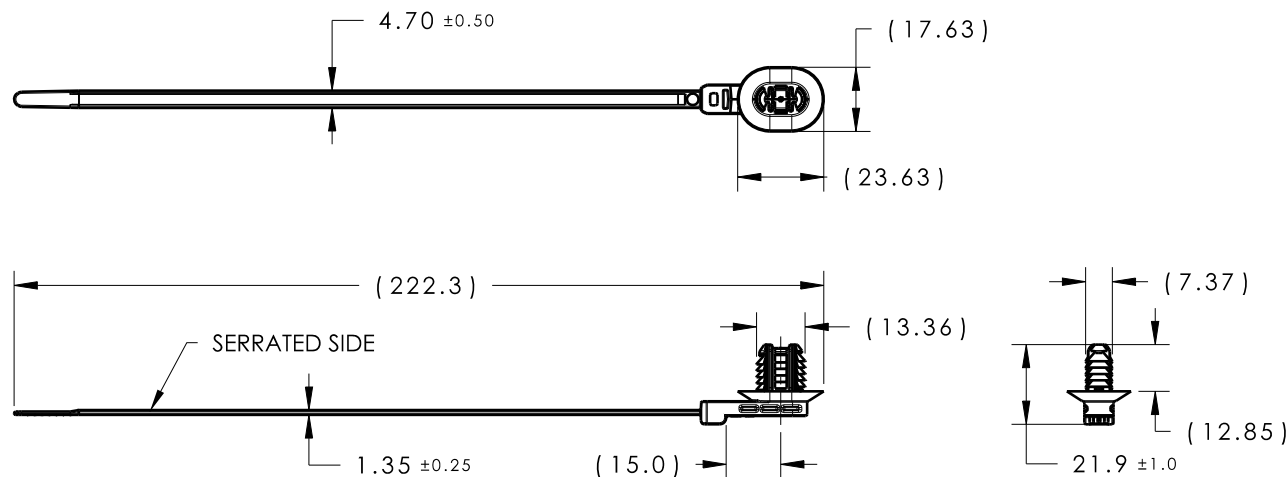


CATIA V5



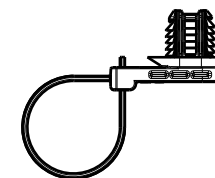
| Revision Level | | | Revision Record | Changed | Date | Approved | Date |
|----------------|----------------|------|-----------------|---------|--------|----------|--------|
| Drawing | State | Part | | | | | |
| 01.1 | Design Release | | SEE ECN# 015053 | JMC | 4/5/19 | EJH | 4/5/19 |

ISOMETRIC VIEW
SCALE 1:2

REFERENCE:

PERFORMANCE REQUIREMENTS AT DRY AS MOLDED:

1. FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN EACH APPLICABLE OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
2. FIR TREE PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN IN EACH APPLICABLE OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
3. SHEET METAL THICKNESS RANGE: 0.60mm - 6.75mm
4. APPLICABLE OVAL HOLE SIZES:
 - A. 6.2 X 12.2mm
 - B. 6.5 X 12.5mm
 - C. 6.5 X 13.0mm
 - D. 7.0 X 12.0mm
5. CABLE TIE MIN LOOP TENSILE STRENGTH: 225 NEWTONS (50LBS)
6. BUNDLE RANGE: 2.0mm TO 50mm
7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
8. MAX ALLOWABLE FLASH OR MISMATCH TO BE: 0.5mm

CAVITY ID AND
COUNTRY OF ORIGINASSEMBLED VIEW
SCALE 1:1

| GLOBAL PART DESCRIPTION | MATERIAL | COLOR |
|-----------------------------------|-------------|-------|
| T50ROSFTOVALIL15A-PA66HIRHSUV-BLK | PA66HIRHSUV | BLACK |

| | | | | | | | | | |
|---|--|--|--|-----|---------|------------------------|--|----------------|---------|
| Material SEE CHART COLOR: SEE CHART | Units millimeters Tolerance defined on each dimension | 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 | CJR | 7/12/18 | Article/Type-No | T50ROSFTOVALIL15A | Scale | 1:2 |
| | | | Approved | KVH | 7/12/18 | Title | T50ROS WITH 15MM OFFSET AND ROTATED OVAL FIR TREE (A SERIES) | Project Number | 18-1428 |
| | | | HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com | | | Drawing-No | PRODUCTION : Phase | Format | AH |
| | | | | | | 18-1428-001-CSU | | Sheet | 1/1 |