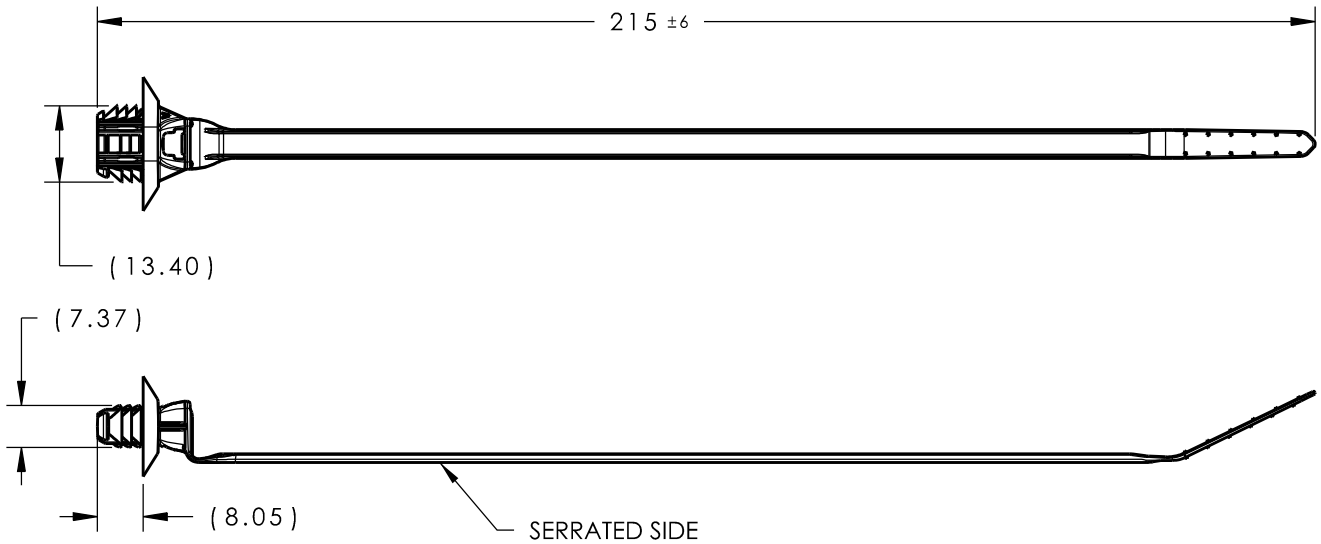
CATIA V5

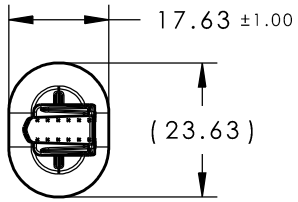
Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
00.2	Design Release	A	SEE ECN# 013349	EJF	1/28/16	CJR	2/1/16

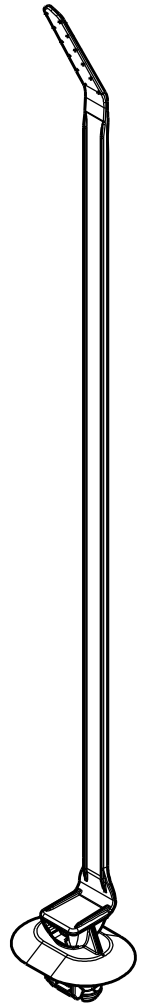
REFERENCE:

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 - 3.00mm
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. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
6. MAX ALLOWABLE FLASH OR MISMATCH TO BE: 0.2mm
7. CABLE TIE MIN LOOP TENSILE STRENGTH: 225 NEWTONS (50 LBS)
8. BUNDLE RANGE: 1.8mm TO 50mm







ISOMETRIC VIEW

Material: PA66HIHRS PER MTS1021 COLOR: BLACK	Units **millimeters** Tolerance defined on each dimension		Drawn: EJF 1/28/16 Approved: CJR 2/1/16 **HellermannTyton** **North America** **Email: corp@htamericas.com** **Web: www.hellermann.tyton.com**	Article/Type-No: T50ROSFTSOVAL Title: SHORT OVAL FIR TREE WITH 8" 50LB LOW PROFILE CABLE TIE Drawing-No: **16-0251-001-CSU** PRODUCTION : Phase	Scale: 3:4 Project Number: 16-0251 Format: AH Sheet: 1/1	