

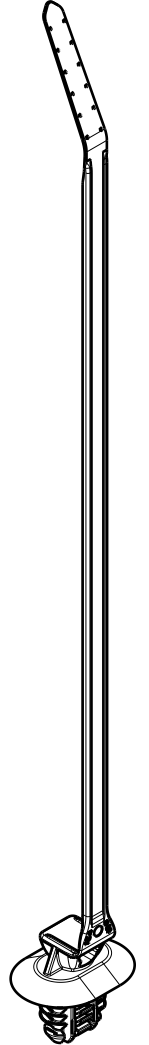
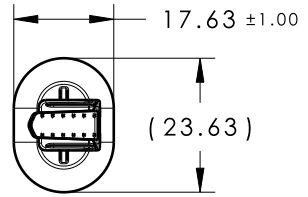
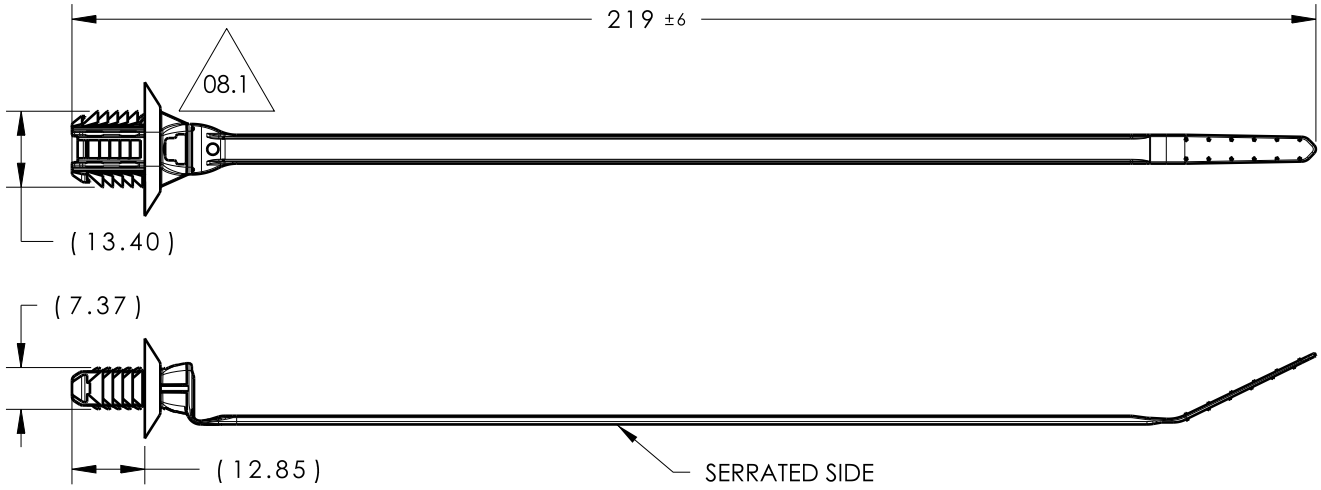


Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
08.1	Design Release	-	SEE ECN# 014187	KVH	11/17/17	EJF	11/17/17

REFERENCE:

PERFORMANCE REQUIREMENTS:

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 (50 LBS)
6. BUNDLE RANGE: 2.0mm TO 50mm
7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%



ISOMETRIC VIEW

GLOBAL PART NAME	MATERIAL	COLOR
T50ROSFTOVALU-PA66HIRHS-GY	PA66HIRHS	GRAY
T50ROSFTOVALU-PA66HIRHS-BK	PA66HIRHS	BLACK
T50ROSFTOVALU-PA46-BN	PA46	BROWN



Material
SEE CHART
COLOR: SEE CHART

Units **millimeters**

Tolerance defined on each dimension

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Drawn SJA 5/5/11
Approved MHT 4/4/12

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Article/Type-No T50ROSFTOVALU
Title OVAL HOLE FIR TREE WITH 8" 50LB LOW PROFILE CABLE TIE
Drawing-No PRODUCTION : Phase
11-0345-011-CSU

Scale 3:4
Project Number 11-0345
Format AH
Sheet 1/1