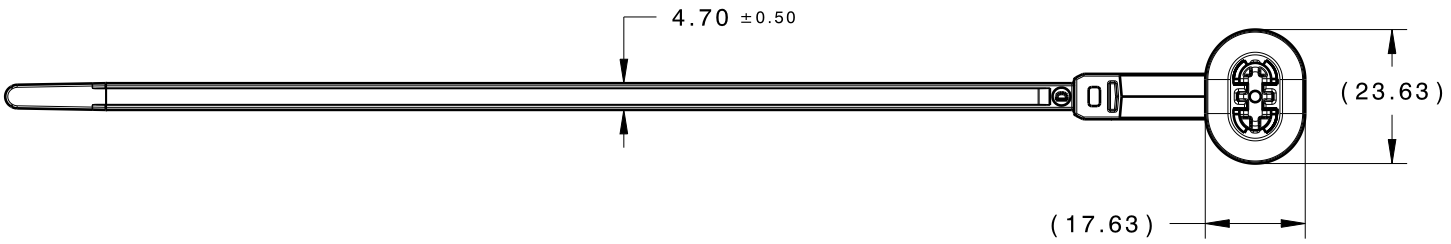
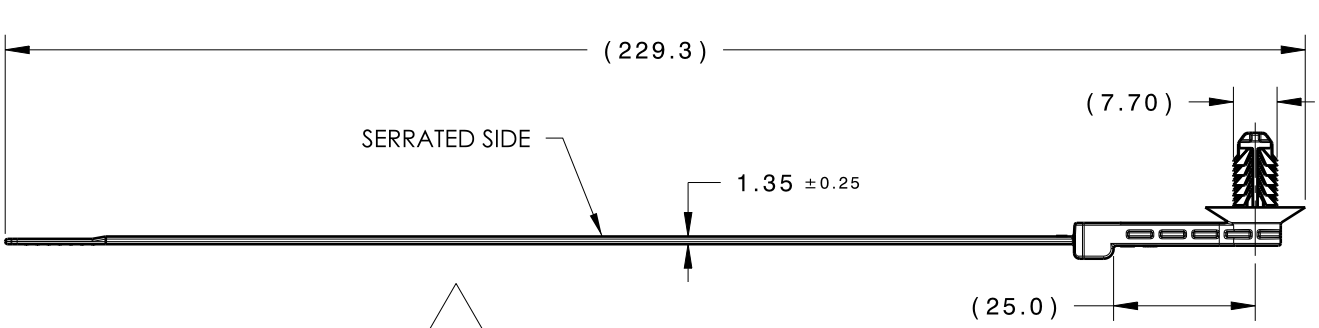
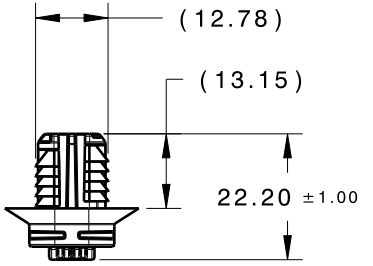
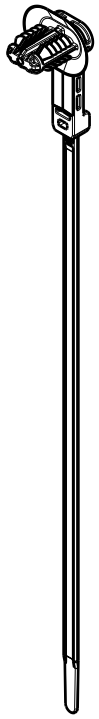
CATIA V5

Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
03.1	Design Release	D	SEE ECN# 012865	KVH	10/13/14	SJA	10/13/14







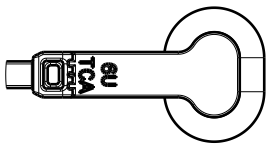


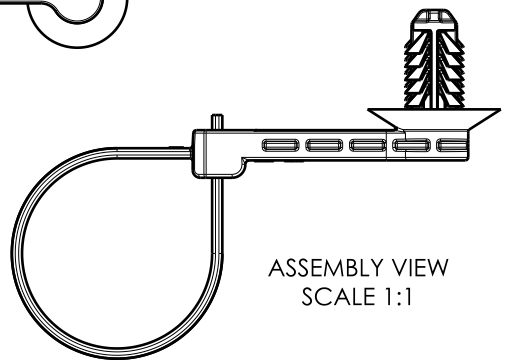
ISOMETRIC VIEW
SCALE 1:2

03.1

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





ASSEMBLY VIEW
SCALE 1:1

TYPE NUMBER	MATERIAL	COLOR
T50ROSFTOVAL25A	PA66HIRHS	BLACK
T50ROSFTOVAL25A	PA66HIRHS	GRAY
T50ROSFTOVAL25A	PA46	BROWN

Material: SEE CHART	Units: **millimeters** Tolerance defined on each dimension		Drawn: KVH 5/29/13 Approved: SJA 6/10/13	Article/Type-No: SEE CHART Title: T50ROS WITH 25mm OFFSET AND OVAL FIR TREE (A SERIES)	Scale: 3:4 Project Number: 13-0542
			HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com	Drawing-No: PRODUCTION : Phase **13-0542-001-CSU**	Format: AH Sheet: 1/1