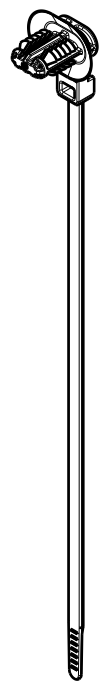
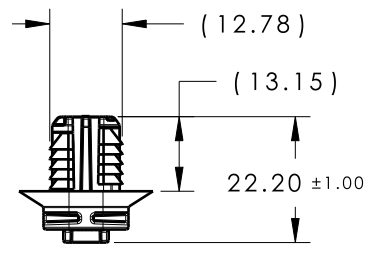
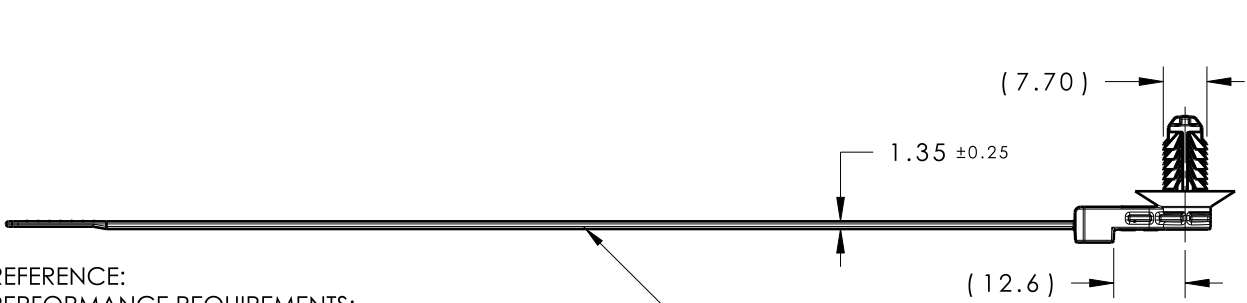
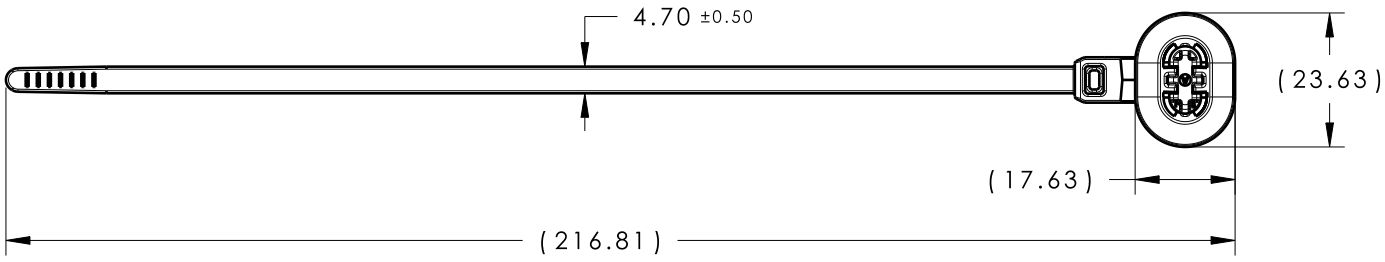
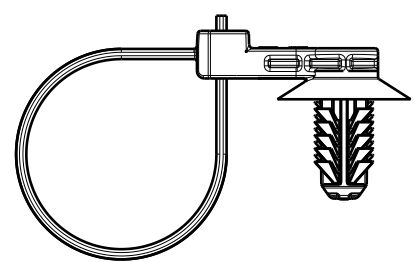
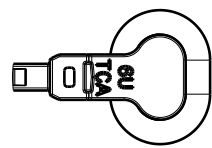


Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	A	SEE ECN# 013399	EJF	2/15/16	KVH	3/17/16



- 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%
 8. MAX ALLOWABLE FLASH OR MISMATCH TO BE: 0.25mm
- SERRATED SIDE



ISOMETRIC VIEW
SCALE 1:2

TYPE NUMBER	MATERIAL	COLOR
T50ROSFTOVAL12.5B	PA66HIRHS	BLACK
T50ROSFTOVAL12.5B	PA66HIRHS	GRAY
T50ROSFTOVAL12.5B	PA46	BROWN

Material SEE CHART 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	EJF	6/22/15	Article/Type-No	SEE CHART	Scale	3:4		
	Tolerance defined on each dimension	 North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Approved			Title	T50ROS WITH 12.5mm OFFSET AND OVAL FIR TREE (B SERIES)	Project Number	15-0367	
					Drawing-No	PRODUCTION : Phase	Format	AH				
					15-0367-001-CSU		Sheet	1/1				