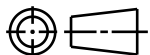
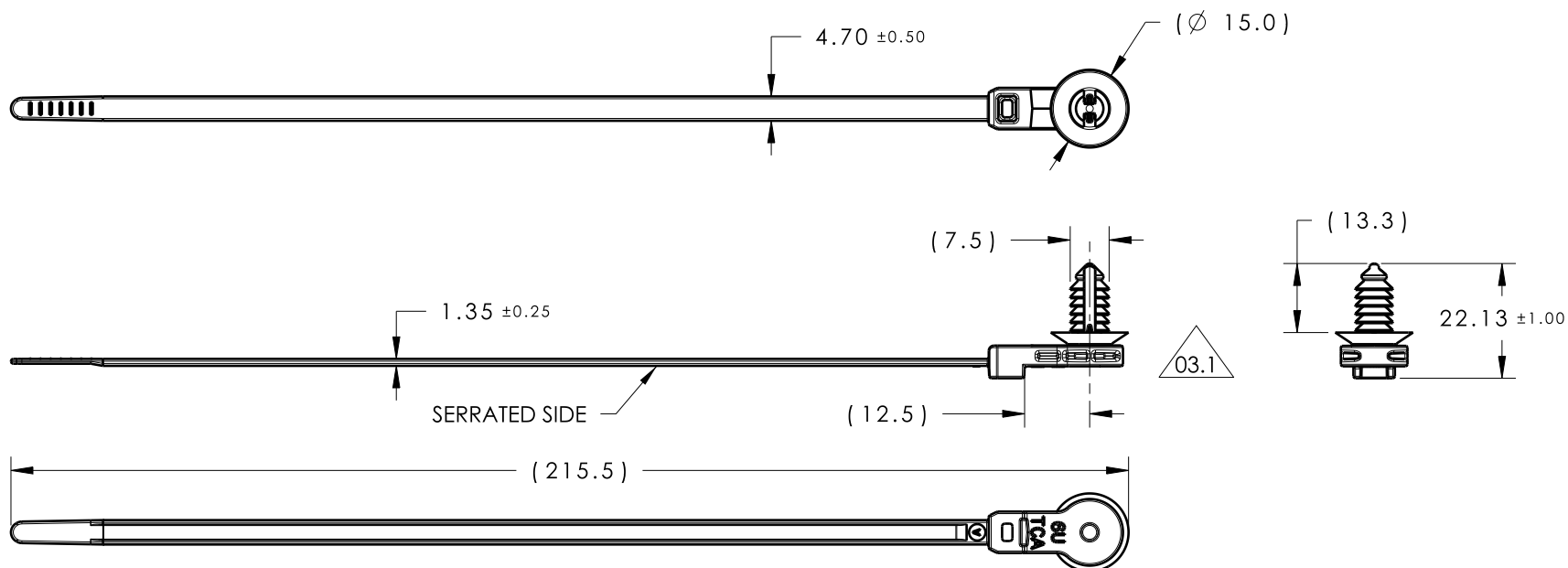


CATIA V5



Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
03.1	Design Release	A	SEE ECN# 013477	EJF	6/28/16	SJA	7/7/16



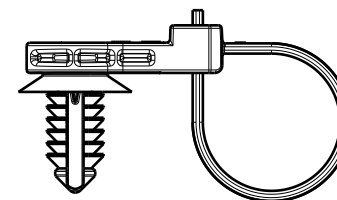
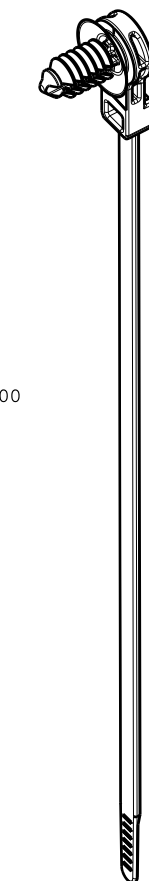
REFERENCE:

PERFORMANCE REQUIREMENTS AT DRY AS MOLDED:

1. FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
2. FIR TREE PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
3. SHEET METAL THICKNESS RANGE: 0.60mm - 6.65mm
4. APPLICABLE HOLE SIZE:
 - A. 6.5mm +0.5/- 0.4
 - B. 6.35mm +/- 0.25 HEX
5. CABLE TIE MIN LOOP TENSILE STRENGTH: 225 NEWTONS (50 LBS)
6. BUNDLE RANGE: 2.0mm TO 50.0mm
7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
8. MAX ALLOWABLE FLASH OR MISMATCH TO BE: 0.25mm



MATERIAL	COLOR
PA66HIRHS	GRAY
PA66HIRHS	BLACK
PA46	BROWN

ASSEMBLY VIEW
SCALE 1:1

ISOMETRIC VIEW

Material SEE CHART COLOR: 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	SJA	6/14/11	Article/Type-No	T50ROSFT6SO12.5B		Scale	3:4	
	Tolerance defined on each dimension		Approved	KVH	11/19/12	Title	T50ROS WITH 12.5mm OFFSET AND FT6 FIR TREE (B-SERIES)		Project Number	11-0584	
			HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com					Drawing-No	PRODUCTION : Phase	Format	AH
								11-0584-001-CSU		Sheet	1/1