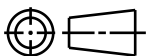
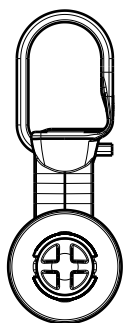


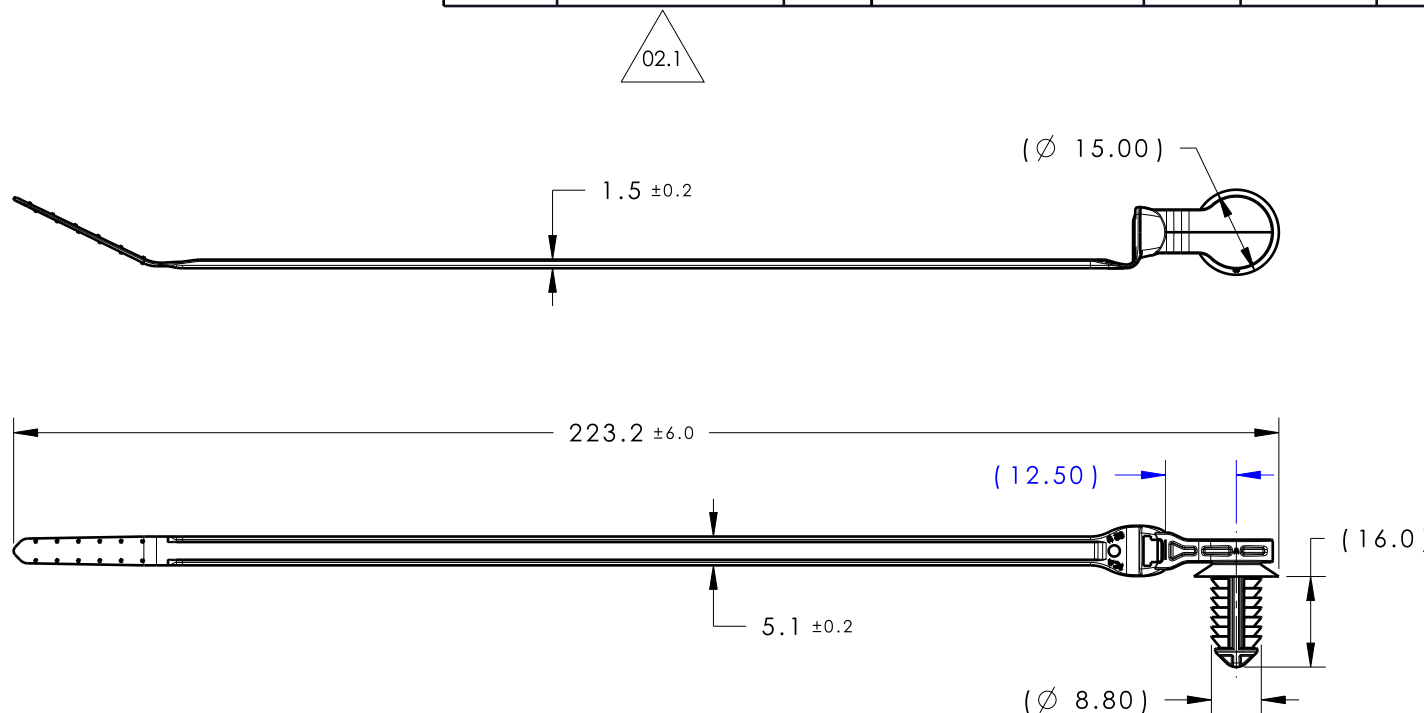
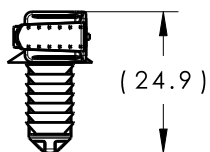
CATIA V5



Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	-	SEE ECN# 015086	CJR	4/18/19	EJH	4/18/19



ASSEMBLY VIEW

ISOMETRIC VIEW  
SCALE 1:2

## 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 - 8.75mm
4. APPLICABLE HOLE SIZE:  
A. 8.0mm +/- 0.4
5. CABLE TIE MIN LOOP TENSILE STRENGTH: 225 NEWTONS (50 LBS)
6. BUNDLE RANGE: 2.0mm TO 50mm
7. MAX ALLOWABLE FLASH TO BE: 0.5mm
8. MAX ALLOWABLE MISMATCH TO BE: 0.1mm

02.1

02.1

Material  SEE CHART <div></div>	Units <b>millimeters</b>	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	2/20/2014	Article/Type-No	T50ROSFT8SO12.5R	Scale	3:4		
	Tolerance defined on each dimension		Approved	KVH	2/20/14	Title	50 LB LOW PROFILE TIE WITH 12.5mm OFFSET AND FT8 FIR TREE (90 DEGREE SERIES)	Project Number	14-0413		
			<div> North America Email: corp@htamericas.com Web: www.hellermann.tyton.com</div>					Drawing-No	PRODUCTION : Phase	Format	AH
								<b>14-0413-001-CSU</b>			Sheet