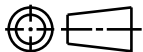
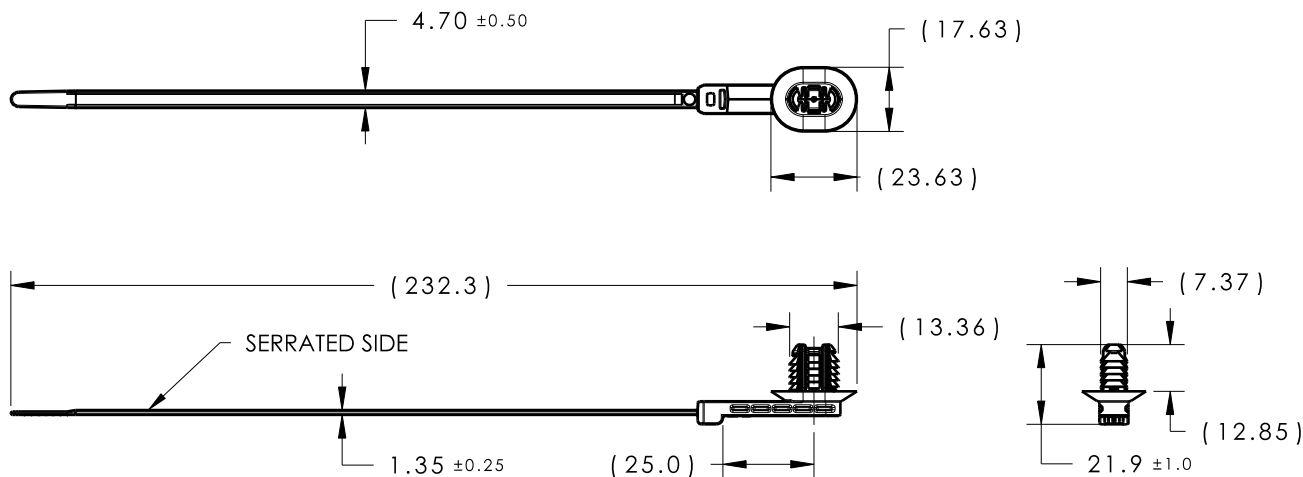


CATIA V5



Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	-	SEE ECN# 015053	JMC	04/05/19	EJH	04/05/19



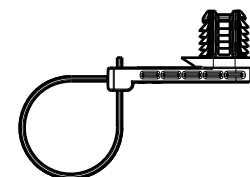
REFERENCE:

PERFORMANCE REQUIREMENTS AT DRY AS MOLDED:

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 (50LBS)
6. BUNDLE RANGE: 2.0mm TO 50mm
7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
8. MAX ALLOWABLE FLASH OR MISMATCH TO BE: 0.5mm

ASSEMBLED VIEW
SCALE 1:1ISOMETRIC VIEW
SCALE 1:2

GLOBAL PART DESCRIPTION	MATERIAL	COLOR
T50ROSFTOVALIL25A-PA66HIRHSUV-BK	PA66HIRHSUV	BLACK

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	EJH	11/8/16	Article/Type-No	T50ROSFTOVALIL25A		Scale	1:2	
	Tolerance defined on each dimension		Approved	CJR	11/18/16	Title	T50ROS WITH 25MM OFFSET AND ROTATED OVAL FIR TREE (A SERIES) 		Project Number	17-0107	
			HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com					Drawing-No	PRODUCTION : Phase	Format	AH
								17-0107-001-CSU		Sheet	1/1