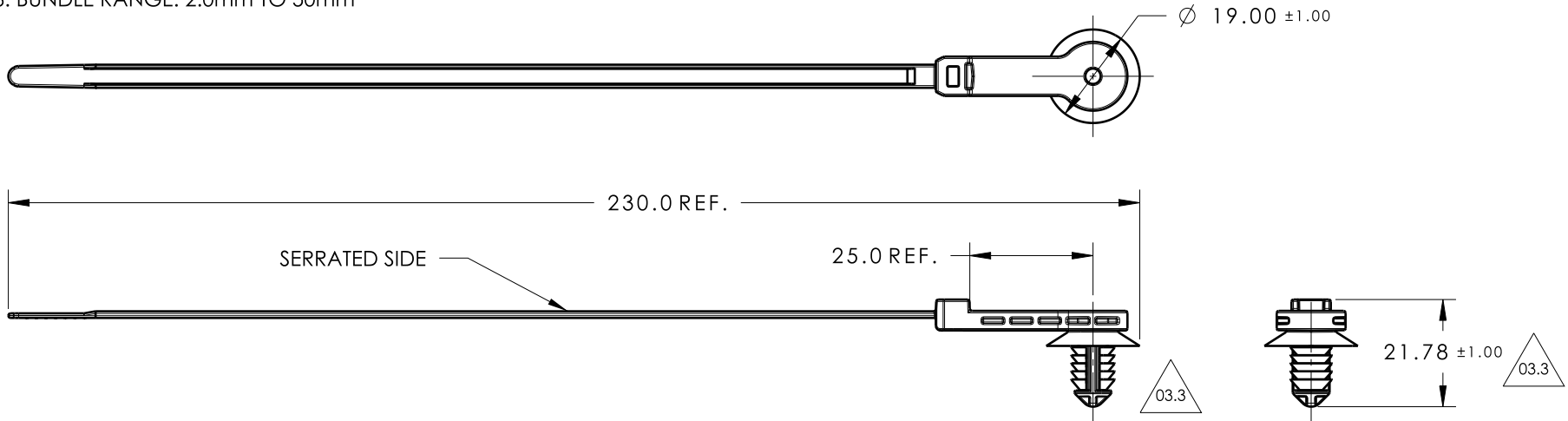


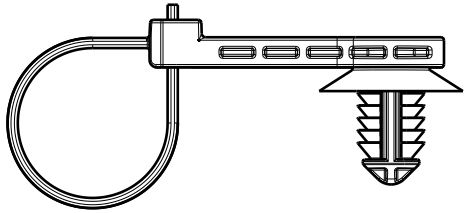


Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
03.3	Design Release	A	SEE ECN# 012637	KVH	4/18/14	EJH	4/18/14

- 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 - 5.00mm 03.3
 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



ISOMETRIC VIEW
 SCALE 1:2



ASSEMBLY VIEW
 SCALE 1:1

Material PA66HIRHS COLOR: BLACK	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 T50ROSFT8SO25B	Scale	3:4	
	Tolerance defined on each dimension	Approved		KVH	11/19/12	Title T50ROS WITH 25mm OFFSET AND FT8 FIR TREE (B-SERIES)		Project Number	11-0573	
		HellermannTyton			Drawing-No		PRODUCTION : Phase	Format	AH	
					North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			11-0573-001-CSU		Sheet