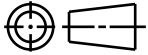
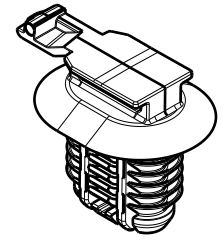
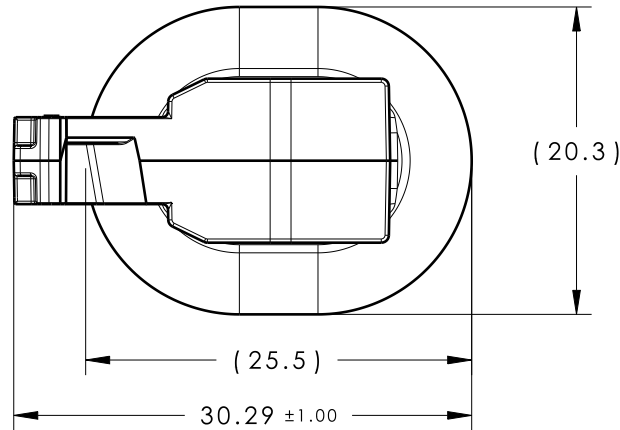


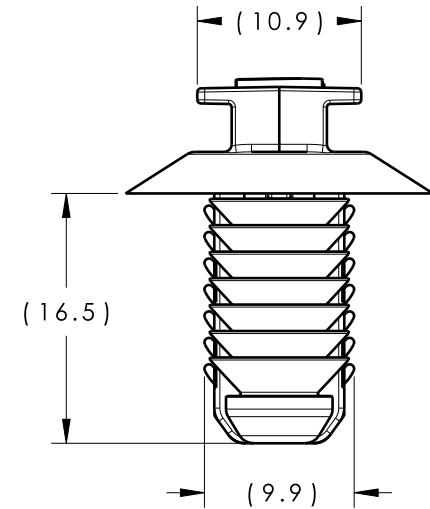
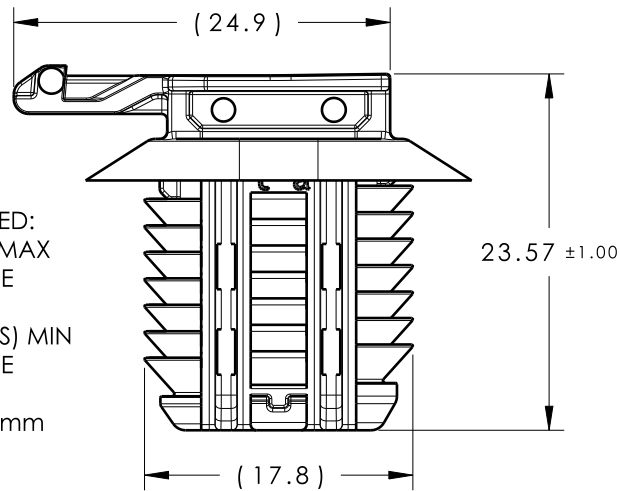
CATIA V5





Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
03.1	Design Release	A	SEE ECN# 013029	CJR	03/11/15	KVH	03/11/15



ISOMETRIC VIEW
(SCALE 1:1)



- REFERENCE: 
- PERFORMANCE REQUIREMENTS AT DRY AS MOLDED:
1. FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN EACH APPLICABLE NOMINAL OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
 2. FIR TREE PULL OUT FORCE: 155 NEWTONS (35 LBS) MIN IN EACH APPLICABLE NOMINAL OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
 3. SHEET METAL THICKNESS RANGE: 0.60mm - 9.50mm
 4. APPLICABLE OVAL HOLE SIZES: 
A. 9.0 X 17.0mm +/- 0.4
 5. DESIGNED TO MEET PUSH ON/ PULL OFF FORCES OF SAE/USCAR-2
 6. FITS INTO USCAR CLIP SLOT SPECIFICATION EWCAP-005-11 (NOT A TEST SPEC.)

Material PA66HIRHS COLOR: BLACK	Units millimeters Tolerance defined on each dimension	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	CJR	07/21/14	Article/Type-No	CC18	Scale	2:1
			Approved	KVH	07/21/14	Title	OVAL FIR TREE 9mm X 17mm LG WITH CONNECTOR TOP		Project Number
 North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Drawing-No	PRODUCTION : Phase		14-0609-011-CSU		Format	AH
					Sheet	1/1			