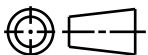
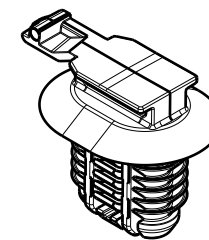
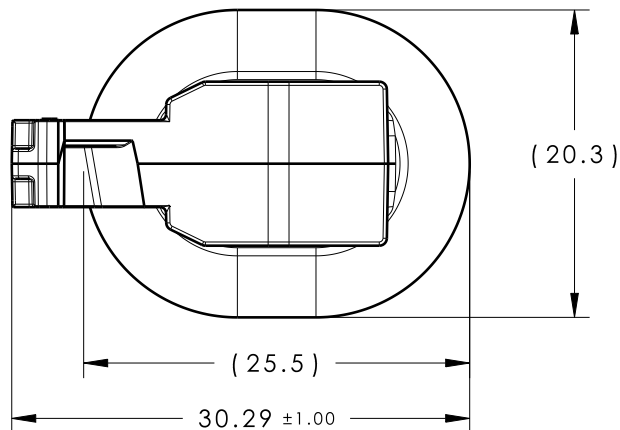


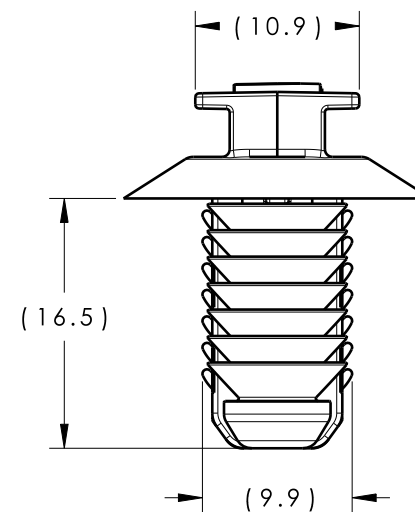
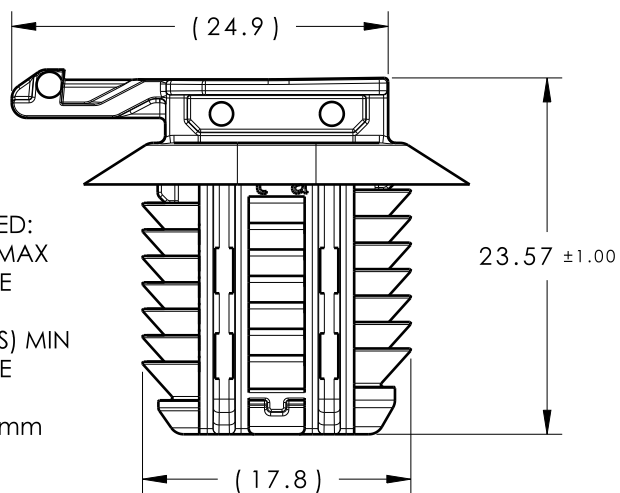
CATIA V5





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	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	
	Tolerance defined on each dimension	Approved		KVH	07/21/14	Title		OVAL FIR TREE 9mm X 17mm LG WITH CONNECTOR TOP		Project Number	14-0609
		HellermannTyton North America Web: www.hellermann.tyton.com			Drawing-No	PRODUCTION : Phase		Format	AH		
					14-0609-011-CSU			Sheet	1/1		