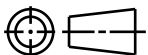
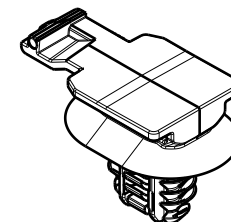


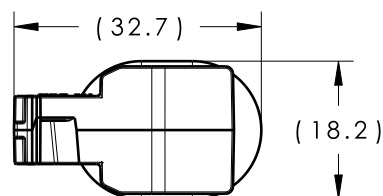
CATIA V5



Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	-	SEE ECN# 015190	EJF	6/5/19	KVH	6/6/19



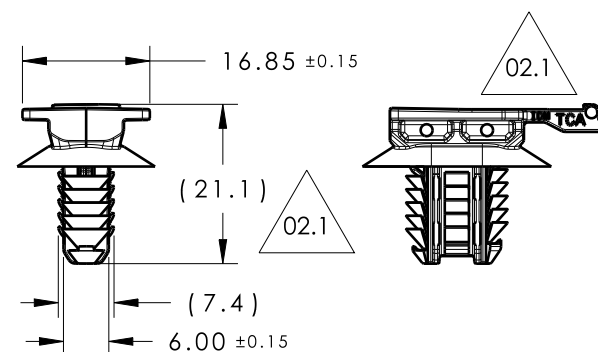
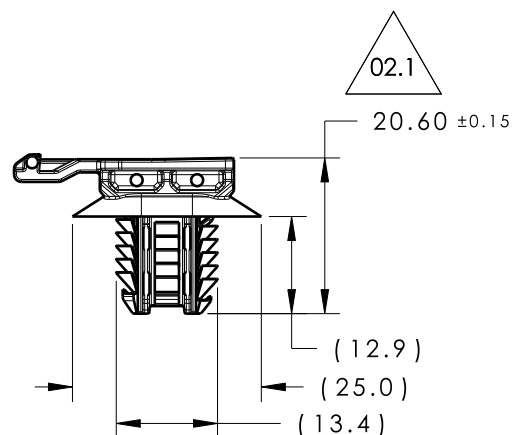
ISOMETRIC VIEW



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 +/-0.2
 - B. 6.5 X 12.5mm +0.2/-0.4
 - C. 6.5 X 13.0mm +/-0.2
 - D. 7.0 X 12.0mm +/-0.2
5. DESIGNED TO MEET PUSH ON/PULL OFF FORCES OF SAE/USCAR-2
6. FITS INTO USCAR CLIP SLOT SPECIFICATION EWCAP-005-17 (NOT A TEST SPEC.)
7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
8. MAX ALLOWABLE MISMATCH TO BE: 0.1mm
9. MAX ALLOWABLE FLASH TO BE: 0.25mm



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	EJF	8/6/18	Article/Type-No CC17FTOVAL		Scale 1:1		
	Tolerance defined on each dimension		Approved	KVH	8/6/18	Title 4X OVAL FIR TREE WITH USCAR 17MM CONNECTOR TOP		Project Number 18-1958		
			HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com					Drawing-No	Production : Phase	Format AH
								18-1958-001-CSU		Sheet 1/1