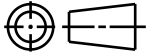
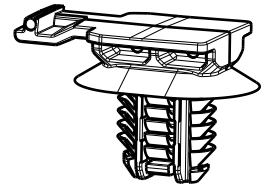
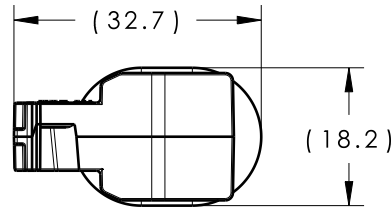


CATIA V5



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

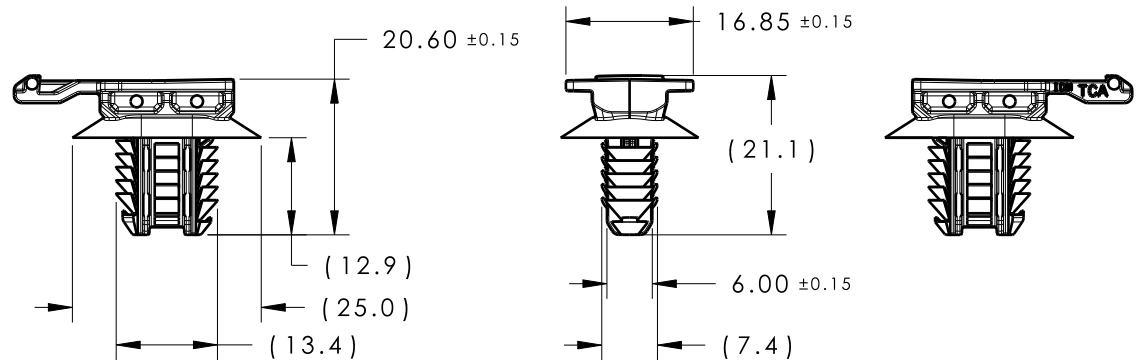


ISOMETRIC VIEW

## 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



GLOBAL PART DESCRIPTION		MATERIAL	COLOR
CC17FTOVALA-PA46-BN		UR046N9	BROWN
Article/Type-No CC17FTOVALA		Scale 1:1	
Title 4X OVAL FIR TREE WITH USCAR 17MM CONNECTOR TOP		Project Number 19-1044	
Drawing-No		Production : Phase	
19-1044-001-CSU		Format AH	
		Sheet 1/1	

Material  SEE CHART  COLOR: SEE CHART	Units <b>millimeters</b>	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	6/5/19	Article/Type-No      CC17FTOVALA	Scale      1:1
	Tolerance defined on each dimension		Approved	KVH	6/5/19	Title  4X OVAL FIR TREE WITH USCAR 17MM CONNECTOR TOP	Project Number  19-1044
			<div>HellermannTyton</div> <div>North America Email: corp@htamericas.com Web: www.hellermann.tyton.com</div>			Drawing-No      Production : Phase  <b>19-1044-001-CSU</b>	Format      AH  Sheet      1/1

Tolerance defined on each dimension