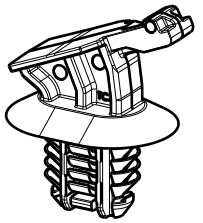
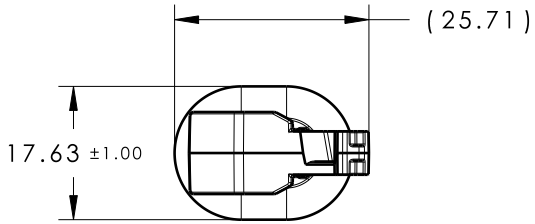
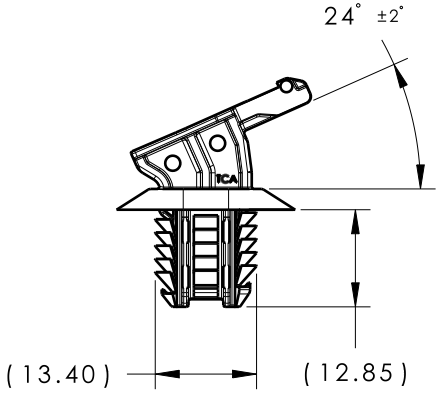
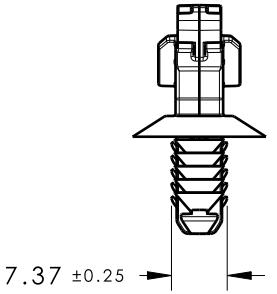
CATIA V5

Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release		SEE ECN# 014509	EJF	7/2/18	TAT	7/2/18









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
   - B. 6.5 X 12.5mm
   - C. 6.5 X 13.0mm
   - D. 7.0 X 12.0mm
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.)
7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
8. MAX ALLOWABLE FLASH OR MISMATCH TO BE: 0.25mm

02.1

Material: PA66HIRHS COLOR: BLACK	Units: **millimeters** Tolerance defined on each dimension		Drawn: EJF 11/18/16 Approved: EJH 11/18/16 **HellermannTyton** **North America** **Email: corp@htamericas.com** **Web: www.hellermann.tyton.com**	Article/Type-No: CC22 Title: 6.5mm X 12.5mm OVAL FIR TREE WITH USCAR 11 CONNECTOR CLIP Drawing-No: **16-1638-001-CSU** Production : Phase	Scale: 1:1 Project Number: 16-1638 Format: AH Sheet: 1/1