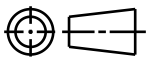
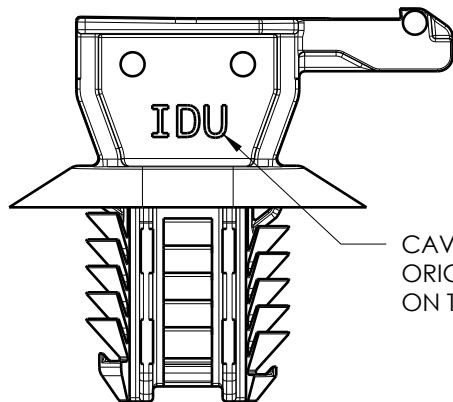


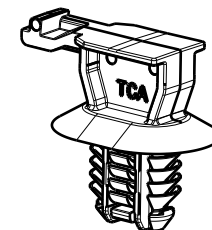
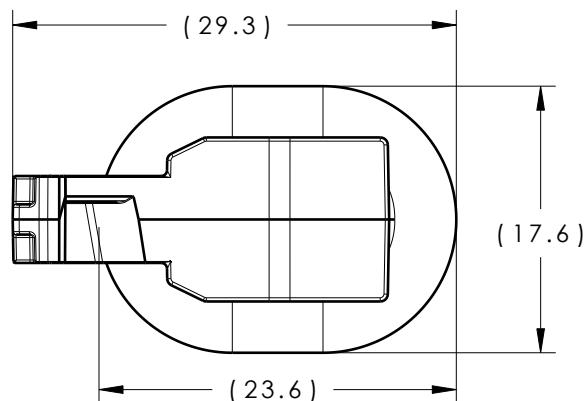
CATIA V5



Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
00.0	Design Release	-	SEE ECN# 015525	EJF	11/7/19	HDC	11/7/19



CAVITY ID & COUNTRY OF ORIGIN TO BE ENGRAVED ON THIS SURFACE

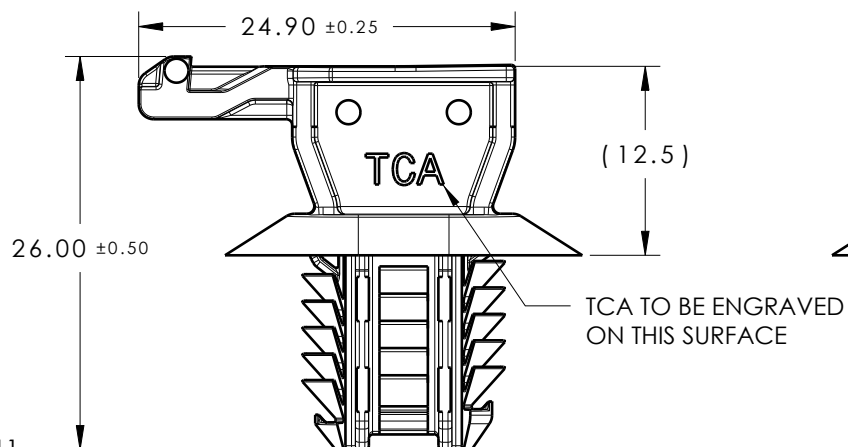


ISOMETRIC VIEW  
SCALE 1:1

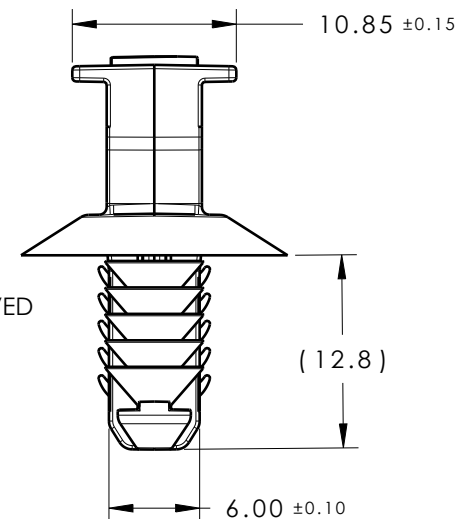
#### REFERENCE:

#### 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: 110 NEWTONS (25 LBS) MIN IN EACH APPLICABLE NOMINAL 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-005-11 (NOT A TEST SPEC.)
7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
8. MAX ALLOWABLE FLASH TO BE: 0.50mm
9. MAX ALLOWABLE MISMATCH TO BE: 0.1mm



TCA TO BE ENGRAVED ON THIS SURFACE



GLOBAL PART DESCRIPTION	MATERIAL	COLOR
CCOVAL12.5SO-PA66HIRHSUV-BK	PA66HIRHSUV	BLACK

Material SEE CHART COLOR: SEE CHART	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	EJF	11/6/19	Article/Type-No	CCOVAL12.5SO	Scale	2:1
			Approved	HDC	11/7/19	Title	6.5 X 12.5 OVAL FIR TREE WITH 12.5MM STAND-OFF 11MM CONNECTOR CLIP	Project Number 19-1755	
			<b>HellermannTyton</b> North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Drawing-No	19-1755-001-CSU	Format	AH
						Production : Phase		Sheet	1/1