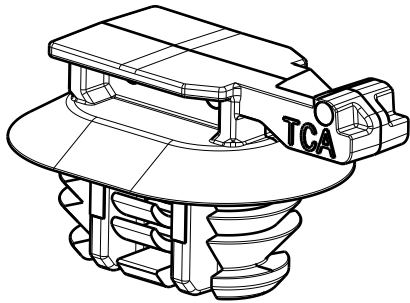
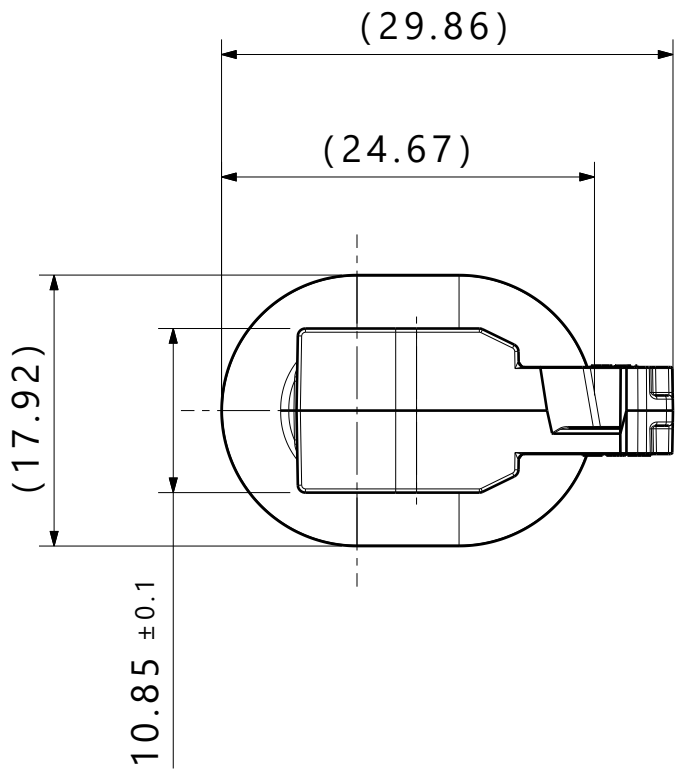
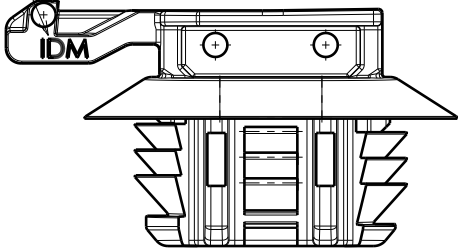
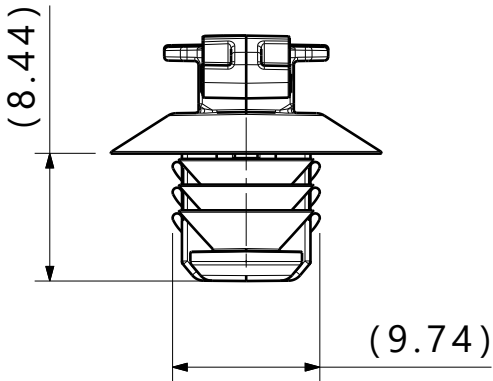
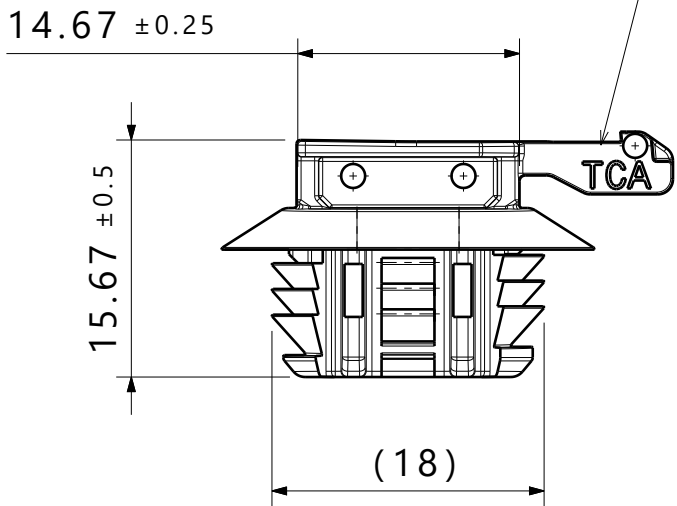




Isometric view

'TCA' to be located on this surface

Cavity ID and Country of Origin to be located on this surface



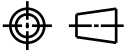
- Reference:
Performance requirements at dry as molded:
1. Fir tree push in force: 45 newtons (10 lbf) max in each applicable nominal oval hole size and a plate thickness of 1.8mm.
 2. Fir tree pull out force: 110 newtons (25 lbf) min in each applicable nominal oval hole size and a plate thickness of 1.8mm.
 3. Connector clip push on force: 60 newtons max per SAE/USCAR-44
 4. Connector clip pull off force: 110 newtons min per SAE/USCAR-44
 5. Connector clip 90° pull off force: 110 newtons min per SAE/USCAR-44

- Notes:
1. Material: See chart
 2. Material color: See chart
 3. Maximum percent regrind permissible: 25%
 4. Max allowable flash to be: 0.5mm
 5. Max allowable mismatch to be: 0.1mm
 6. Sheet metal thickness range: 0.60mm - 3.00mm
 7. Applicable oval hole sizes:
A. 9.0 x 17.0mm +0.2/-0.4mm



Revision Level		
Drawing	State	Part
02.2	Design Release	-
Changed	Date (YYYY/MM/DD)	
Martinez	2025/03/11	
Approved	Date (YYYY/MM/DD)	
Haftarski	2025/03/11	

Revision Record		
ECN 311997		
		All drawing revisions are stored in CAD PDM database



All drawing revisions are stored in CAD PDM database

Units	
mm	

HellermannTyton
www.HellermannTyton.com

Part Description	Material	Color
CC11OVAL11-PA66HIRHSUV-BK	PA66HIRHSUV	Black

Title 9x17mm Oval Fir Tree with 11mm Connector Clip	Scale	2:1
	Global Project Number	23-0081
	Format	A3
	Sheet	1 / 1

Drawing-No
23-0081-001-CSU