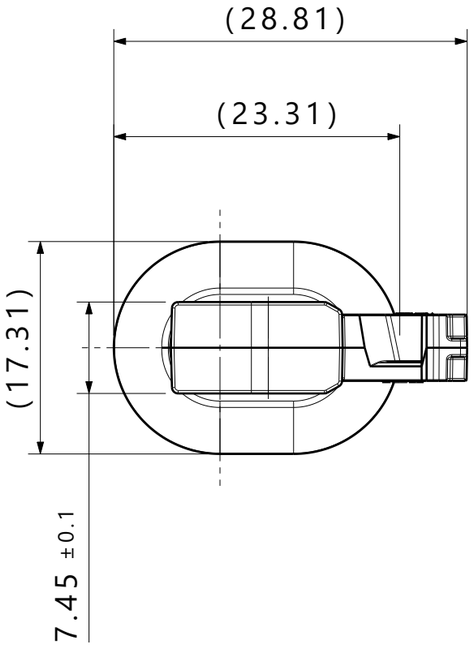
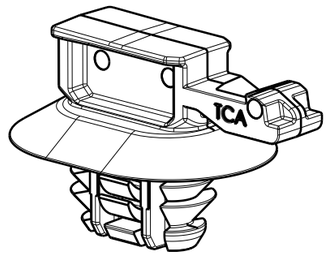




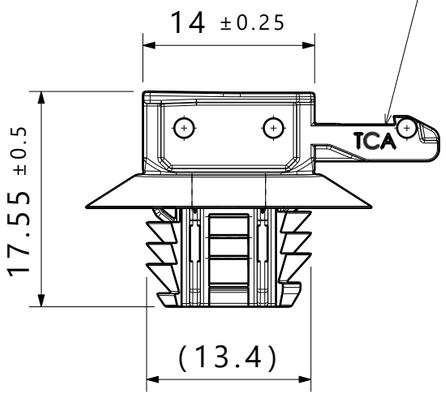
Isometric view

02.1

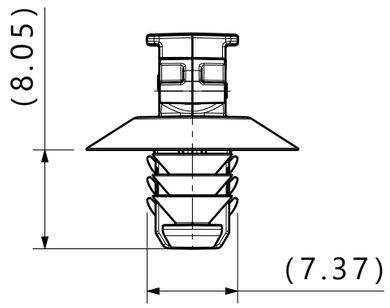
Reference:
Performance requirements at dry as molded:
1. Fir tree push in force: 45 newtons (10 lbf) max in each applicable nominal oval hole size and a plate thickness of 1.8mm.
2. Fir tree pull out force: 110 newtons (25 lbf) min in each applicable nominal oval hole size and a plate thickness of 1.8mm.
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

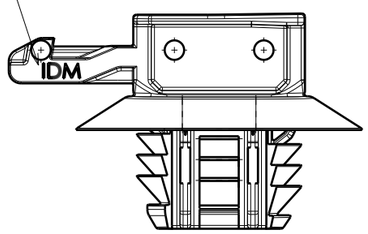
Notes:
1. Material: See chart
2. Material color: See chart
3. Maximum percent regrind permissible: 25%
4. Max allowable flash to be: 0.5mm
5. Max allowable mismatch to be: 0.1mm
6. Fits into USCAR clip slot specification EWCAP-005-7
7. Sheet metal thickness range: 0.60mm - 3.00mm
8. Applicable oval hole 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

'TCA' to be located on this surface



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





Global Part Description	Material	Color
CC7OVAL8-PA66HIRHSUV-BK	PA66HIRHSUV	Black

Revision Level			Revision Record
Drawing	State	Part	ECN 310629
02.1	Design Release	-	
Changed	Date (YYYY/MM/DD)		
Duncan	2023/12/18		
Approved	Date (YYYY/MM/DD)		
Karabon	2023/12/19		

All drawing revisions are stored in CAD PDM database

Drawn	Duncan	Date (YYYY/MM/DD) 2023/06/08
Approved	Karabon	Date (YYYY/MM/DD) 2023/06/09

Units: mm

HellermannTyton
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Title: Oval Fir Tree with 7mm Connector Clip

Drawing-No: 23-0080-001-CSU

Scale: 2:1
Global Project Number: 23-0080
Format: A3
Sheet: 1 / 1