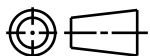


CATIA V5



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. FITS USCAR MATING HOLE EWCAP -007 (NOT A TEST SPEC.)

NOTES:

1. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
2. MAX ALLOWABLE FLASH TO BE: 0.25mm
3. MAX ALLOWABLE MISMATCH TO BE: 0.10mm

PATENT:

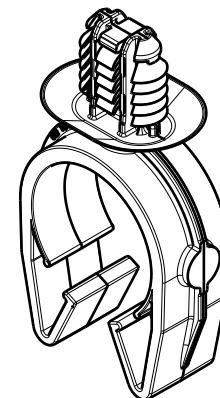
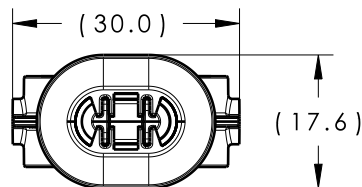
US D822,476 S
EU 003864313
CN 304373914 S

02.1

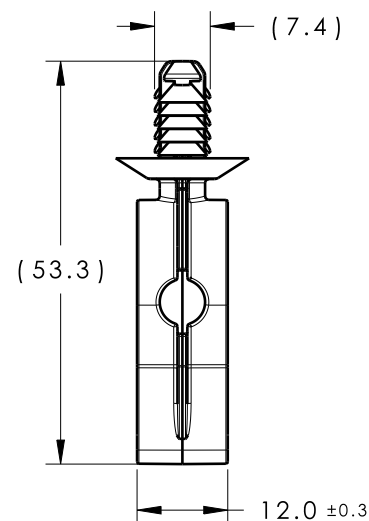
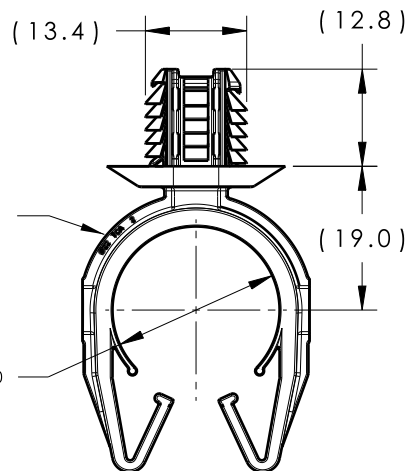
CAVITY ID NUMBER, 'TCA'
AND PART DIAMETER TO BE
LOCATED ON THIS SURFACE

Ø 22.10 ±0.20

Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	-	SEE ECN# 015227	NHK	06/19/19	HDC	06/19/19



ISOMETRIC VIEW



DIAMETER RANGE		
HARNESS	HOSE	HARD PIPE/TUBE
20.0MM-24.0MM	20.0MM-24.0MM	22.0MM-25.0MM

02.1

GLOBAL PART DESCRIPTION		MATERIAL	COLOR
MOC22FTOVAL-PA66HIRHSUV-BK		PA66HIRHSUV	BLACK
MOC22FTOVAL-PPS-ML		PPS	SILVER
Article/Type-No MOC22FTOVAL		Scale 1:1	
Title 22MM (7/8") MODULAR OMEGA CLIP WITH 6.5 X 12.5MM OVAL FIR TREE		Project Number 16-0323	
Drawing-No PRODUCTION Phase 02.1		Format AH	
16-0323-010-CSU		Sheet 1/1	

Material
SEE CHART
COLOR: SEE CHART

02.1

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 CRB 08/23/16
Approved EJH 09/29/16

HellermannTyton

North America
Email: corp@htamericas.com
Web: www.hellermann.tyton.com