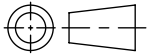
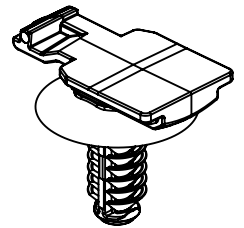
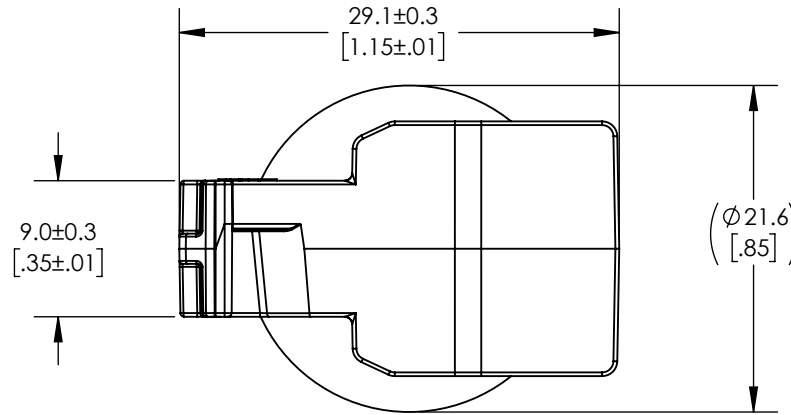


SW

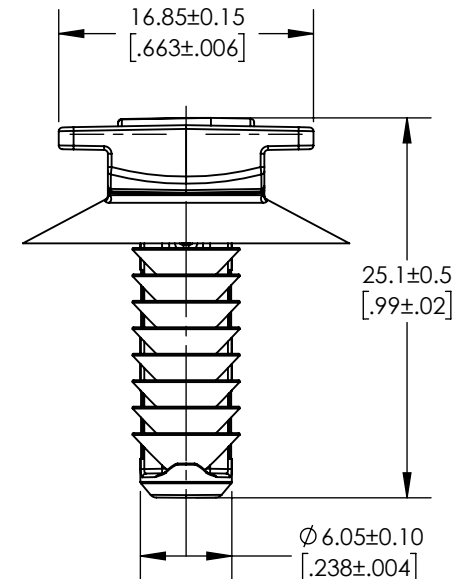
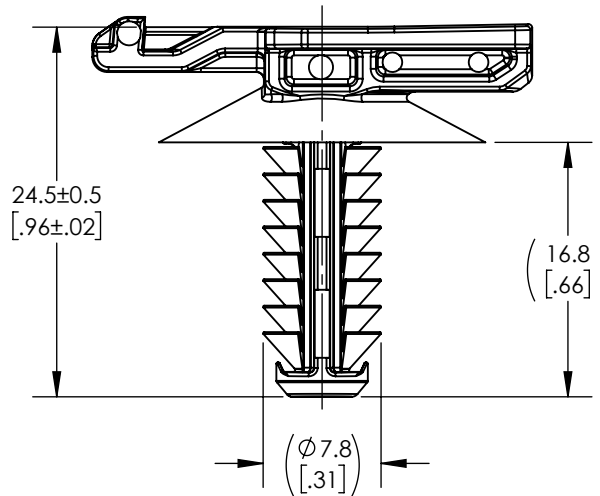


Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
01.1	Design Release		SEE ECN# 015127	MHT	05/08/2019	KVH	05/08/2019

ISOMETRIC VIEW  
SCALE 1 : 1**REFERENCE:**

PERFORMANCE REQUIREMENTS AT DRY AS MOLDED WITH  $\leq 0.5\%$  MOISTURE CONTENT:

- FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
- FIR TREE PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
- SHEET METAL THICKNESS RANGE: 0.60mm - 9.00mm
- APPLICABLE HOLE SIZE:
  - 6.50mm +/-0.40
  - 6.35mm +/-0.20
  - 6.60mm +/-0.20
  - 6.35mm HEX +/-0.20
- DESIGNED TO MEET PUSH ON/PULL OFF FORCE OF SAE/USCAR-2
- FITS INTO USCAR CLIP SLOT SPECIFICATION EWCAP-005-17 (NOT A TEST SPEC.)
- MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
- MAXIMUM ALLOWABLE FLASH TO BE: 0.50mm
- MAXIMUM ALLOWABLE MISMATCH TO BE: 0.10mm

**GLOBAL PART DESCRIPTION**

IRCFT6.5LG-PA66HIRHSUV-BK

**MATERIAL**

PA66HIRHSUV

**COLOR**

BLACK

Material  SEE CHART	Units: <b>millimeters</b>	The copyright of this drawing is reserved by Hellermann Tyton. 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 Hellermann Tyton.	Drawn	MHT	12/04/20018	Article/Type-No	IRCFT6.5LG		Scale	2:1
	Dimension without tolerances details to: .xxx = ±.013 .xx = ±.13 .x = ±.3 None = ±.8 ∠ = ±0.5°  Dimension Formatted mm/[in]		Approved	KVH	12/04/20018	Title	<b>IRC CONNECTOR CLIP, ROUND FIR TREE, 6.5mm</b>		Project Number  PRP 16-1645	
			<b>HellermannTyton</b>  North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Drawing-No	PRODUCTION : Phase		Format	AH
						<b>16-1645-051-CSU</b>			Sheet	1/1