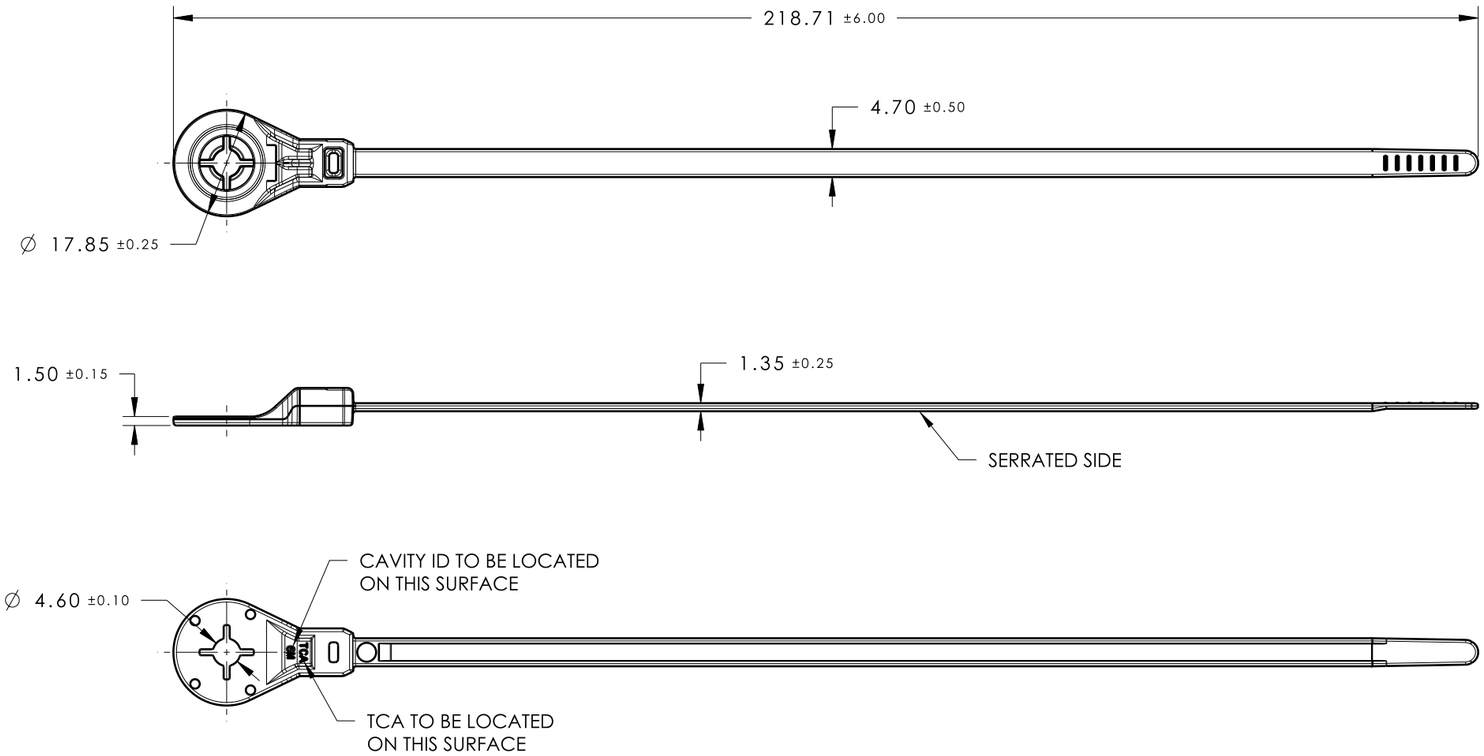
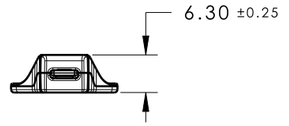
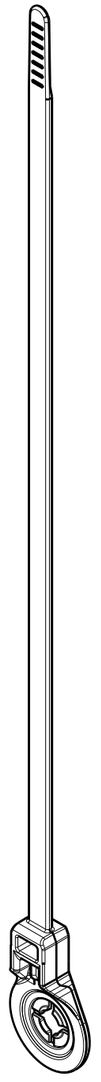
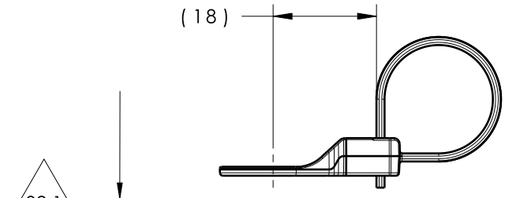
CATIA V5

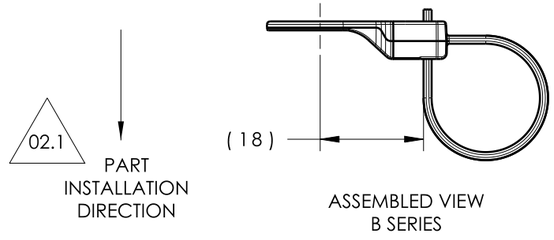
Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	-	SEE ECN# 015451	KVH	09/26/19	NHK	09/26/19











PRODUCT PERFORMANCE: 02.1

1. PERFORMANCE REQUIREMENTS ARE VALIDATED AT DRY-AS-MOLDED (≤0.5% H2O BY WEIGHT):
   - A. CABLE TIE MIN LOOP TENSILE STRENGTH: 225 NEWTONS (50 LBS)
   - B. A SERIES STUD MOUNT PUSH ON FORCE ON APPLICABLE STUD SIZE: 45 NEWTONS (10 LBS) MAX
   - C. A SERIES STUD MOUNT PULL OFF FORCE ON APPLICABLE STUD SIZE: 57 NEWTONS (13 LBS) MIN
   - D. B SERIES STUD MOUNT PUSH ON FORCE ON APPLICABLE STUD SIZE: 53 NEWTONS (12 LBS) MAX
   - E. B SERIES STUD MOUNT PULL OFF FORCE ON APPLICABLE STUD SIZE: 75 NEWTONS (17 LBS) MIN
2. APPLICABLE STUD SIZE
   - A. M6 X 1

NOTES:
1. BUNDLE RANGE: 2.0mm TO 50.0mm
2. OPTIONAL STUD SIZES:
   - A. M5 X 0.8
   - B. T5
3. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
4. MAX ALLOWABLE FLASH TO BE: 0.25mm
5. MAX ALLOWABLE MISMATCH TO BE: 0.1mm

GLOBAL PART DESCRIPTION	MATERIAL	COLOR
T50ROSPHM5-6SO18-PA66HIRHSUV-BK	PA66HIRHSUV	BLACK

Material: SEE CHART
COLOR: SEE CHART

Units: **millimeters**
Tolerance defined on each dimension

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Drawn	KVH	04/03/19
Approved	EJF	04/04/19

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Article/Type-No: T50ROSPHM5-6SO18
Title: T50ROS CABLE TIE WITH 18.0mm OFFSET AND M5/M6 STUD RETENTION
Drawing-No: **18-0371-002-CSU**
PRODUCTION : Phase

Scale: 1:1
Project Number: 18-0371
Format: B
Sheet: 1/1