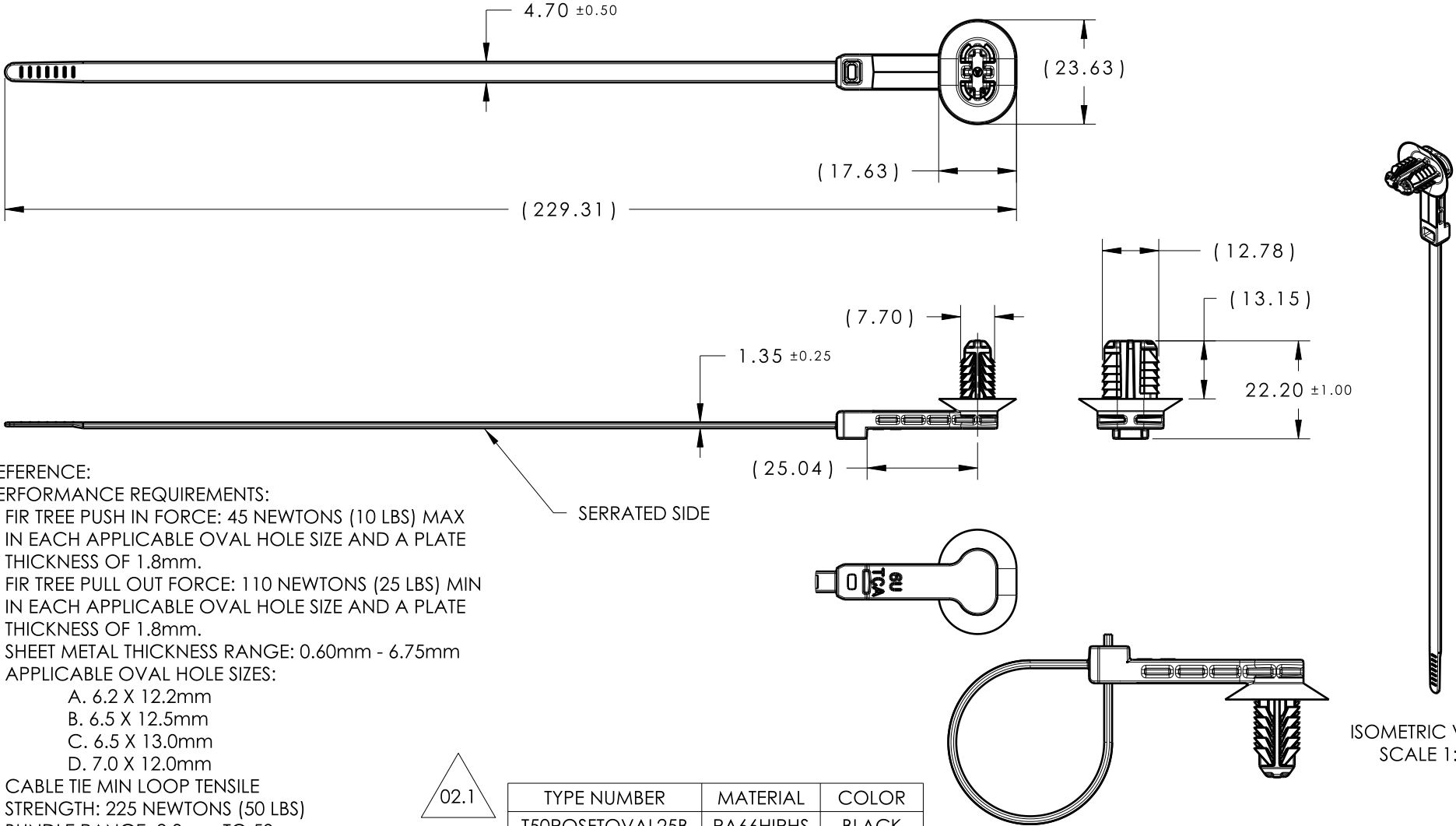


Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	A	SEE ECN# 013399	EJF	3/17/16	KVH	3/17/16



- REFERENCE:  
 PERFORMANCE REQUIREMENTS:
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. CABLE TIE MIN LOOP TENSILE STRENGTH: 225 NEWTONS (50 LBS)
  6. BUNDLE RANGE: 2.0mm TO 50mm
  7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
  8. MAX ALLOWABLE FLASH OR MISMATCH TO BE: 0.25mm

TYPE NUMBER	MATERIAL	COLOR
T50ROSFTOVAL25B	PA66HIRHS	BLACK
T50ROSFTOVAL25B	PA66HIRHS	GRAY
T50ROSFTOVAL25B	PA46	BROWN

ASSEMBLY VIEW  
SCALE 1:1

ISOMETRIC VIEW  
SCALE 1:2

Material SEE CHART	Units <b>millimeters</b>	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	EJF	6/22/15	Article/Type-No	SEE CHART	Scale	3:4
				Approved			Title	T50ROS WITH 25mm OFFSET AND OVAL FIR TREE (B SERIES)	Project Number	15-0366
<p>North America                  Email: corp@htamericas.com                  Web: www.hellermann.tyton.com</p>				Drawing-No	PRODUCTION : Phase			Format	AH	
				<b>15-0366-001-CSU</b>				Sheet	1/1	