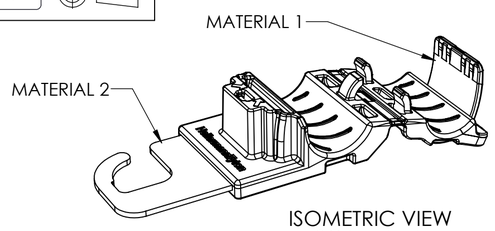
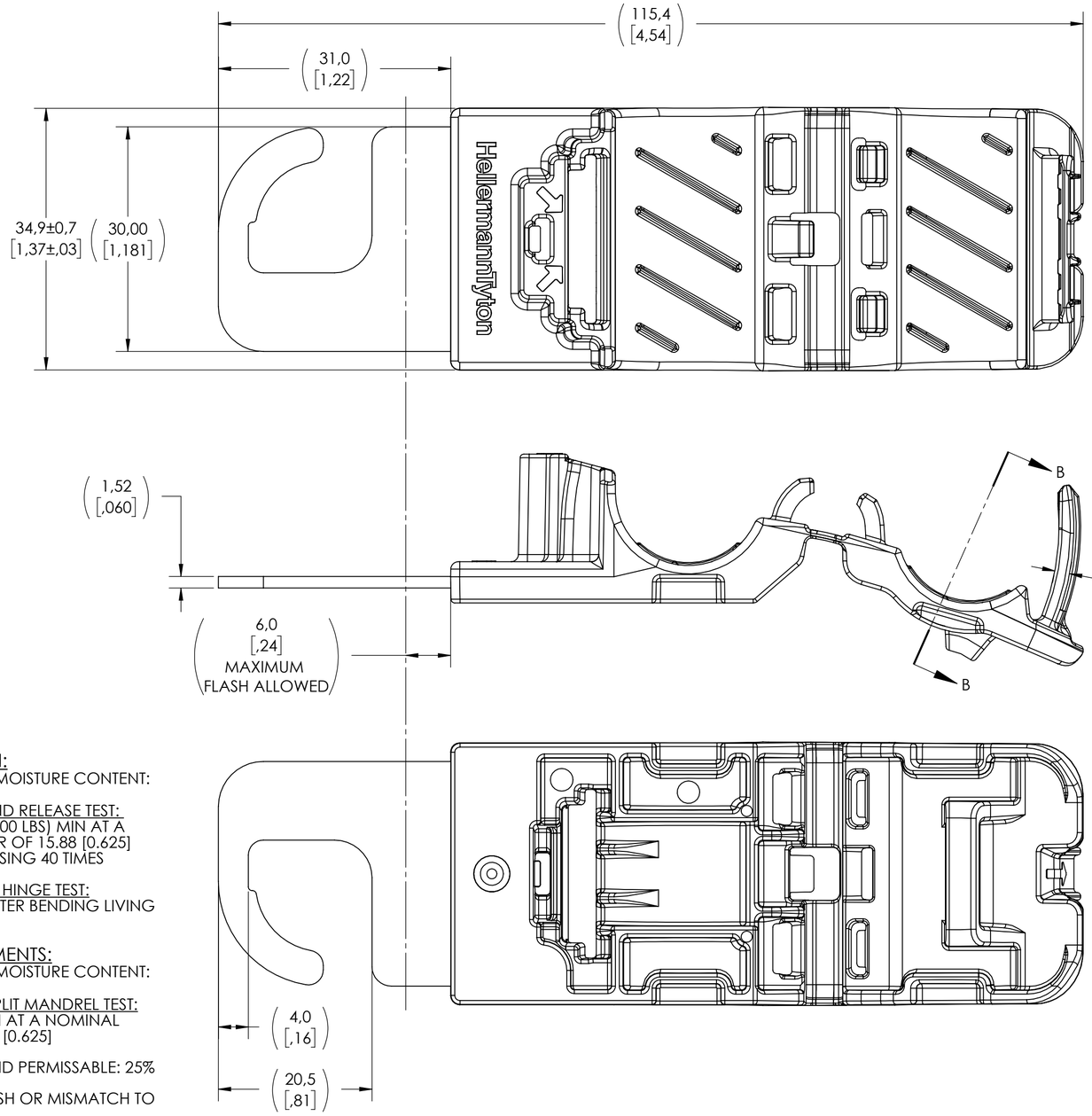
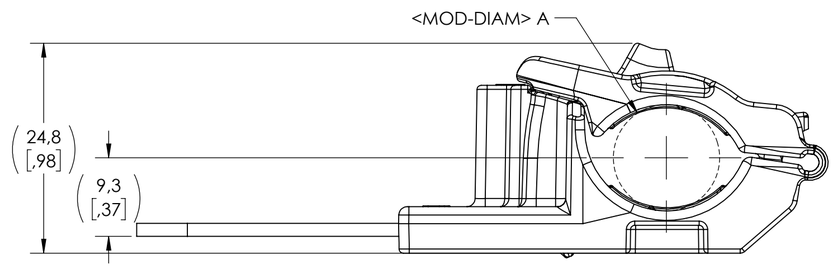
SW

Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
03.1	**Design Release**	-	SEE ECN# 014918	CTF	02/06/2019	MHT	02/06/2019

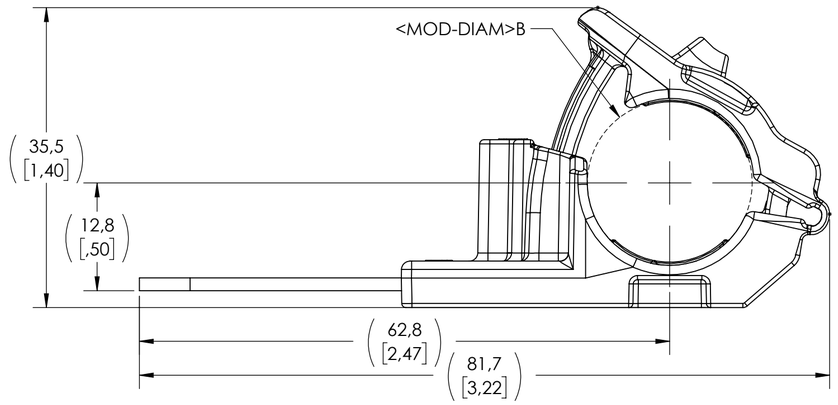


ISOMETRIC VIEW
SCALE 1 : 1
PRODUCT SHIPPED IN CLAMP OPEN POSITION

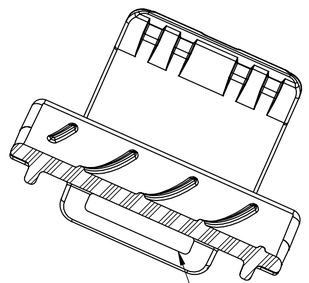




MIMIMUM BUNDLE DIAMETER



MAXIMUM BUNDLE DIAMETER



INITIAL MOLD VALIDATION:
DRY AS MOLDED WITH ≤ 0.5% MOISTURE CONTENT:

1. ITS-0008 RATCHET CLOSE AND RELEASE TEST:
   EXCEEDED 445 NEWTONS (100 LBS) MIN AT A NOMINAL BUNDLE DIAMETER OF 15.88 [0.625] AFTER CLOSING AND RELEASING 40 TIMES
2. ITS-0014 LOW TEMPERATURE HINGE TEST:
   NO DAMAGE OCCURED AFTER BENDING LIVING HINGE 40 TIMES AT -40°C

PERFORMANCE REQUIREMENTS:
DRY AS MOLDED WITH ≤ 0.5% MOISTURE CONTENT:

3. ITS-0001 RATCHET CLAMP SPLIT MANDREL TEST:
   445 NEWTONS (100 LBS) MIN AT A NOMINAL BUNDLE DIAMETER OF 15.88 [0.625]
4. MAXIMUM PERCENT REGRIND PERMISSABLE: 25%
5. MAXIMUM ALLOWABLE FLASH OR MISMATCH TO BE: 0.25mm

GLOBAL PART DESCRIPTION	BUNDLE TYPES	A MINIMUM DIAMETER	B MAXIMUM DIAMETER
03.1 RCBHANGER-PA66HIRHSUV/ZN-ML	SOFT	12.7 [.50]	19.5 [.77]
	HARD	11.9 [.47]	18.7 [.74]

Notes

Material
1. PA66HIRHSUV BLACK
2. ZINC PLATED STEEL

Units: millimeters
Dimension without tolerances details to:
.XXX = .013
.XX = .13
.X = .3
None = .8
= 0.5
Dimension Formatted mm/[in]

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Drawn	MHT	04/13/2015
Approved	KAC	05/28/2015

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Article/Type-No RCBHANGER 03.1
Title RCB RATCHET P CLAMP, SIZE B, CLAMP RANGE 12.7 TO 19.5, HOOK
Drawing-No PRODUCTION : Phase
18-2348-101-CSU

Scale 2:1
Project Number PRP18-2348
Format C
Sheet 1/1