



**AVERY
DENNISON**

Fastener
Solutions

15" Standard Cable Ties Marketing Specifications

For the following part numbers:

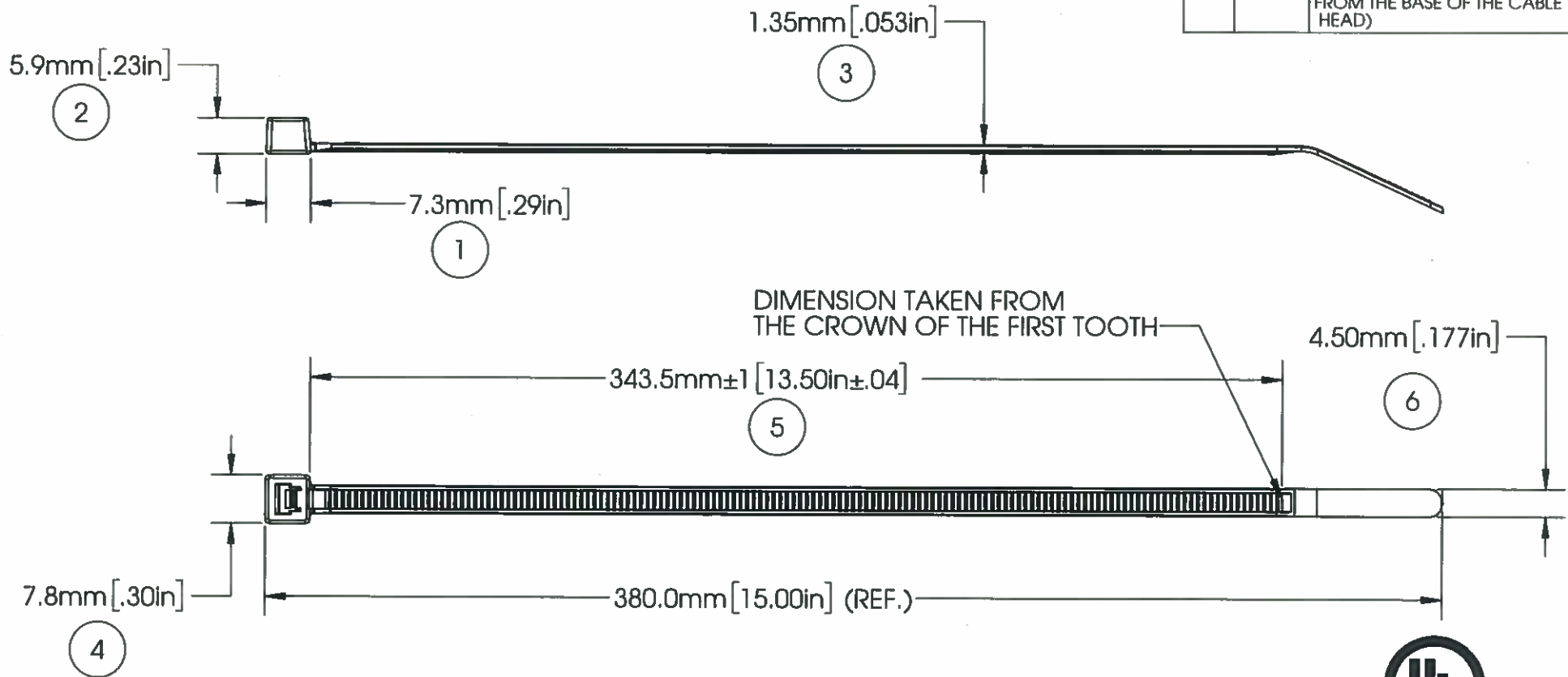
08416-0
08416-HHBN
08427-0
08428-0
10036-0
10037-0
10408-0

August 1, 2019

AVERY DENNISON MARKETING SPECIFICATION

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HISTORY		
REV.	DATE	DESCRIPTION
K	1.30.15	REDRAWN IN NEW FORMAT, ADDED UL INFORMATION AND LOGO
L	3.17.16	UPDATED DIM 5 TO BE 343.5mm TO MATCH NOMINAL MOLD DIM; UPDATED DIM 1 TO BE 7.3(TAKEN FROM THE BASE OF THE CABLE TIE HEAD)



NOTE: THESE CABLE TIES ARE PLENUM RATED AND HAVE A FLAMMABILITY RATING OF V-2

LOOP TENSILE STRENGTH:	50 LBF/220 N MIN. PER AS-23190
OPERATING TEMP RANGE:	-40°F (-40°C) TO 221°F (105°C)
MIN. INSTALLATION TEMP:	32°F (0°C)
WEIGHT:	2.35 g. / (0.0800 oz)
BUNDLE DIAMETER:	Ø 1.6mm TO Ø 101.6mm (0.06" - 4")
TOOL:	12001-0 - HAND TOOL 12500-0 - PNEUMATIC TOOL
TOOL TENSION SETTING:	6-8
PACKAGING:	100/BAG, 1000/CASE

APPROVALS:	ENG. APPR. <i>[Signature]</i> 3/17/16
	Q.A. APPR. <i>[Signature]</i> 3/17/16

AVERY DENNISON
FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL: 1-800-225-5913
FAX: 978-353-8157

SPECIFIED TOLERANCES ARE:		MATERIAL	DESCRIPTION
.XX ± .03 in	.X ± .7 mm	NYLON 66, HEAT STABILIZED	15" CABLE TIE, STANDARD
.XXX ± .010 in	.XX ± .25 mm	COLOR	STOCK NO.
ANGULAR: ± 2°		BLACK	08416-0
			REV. L

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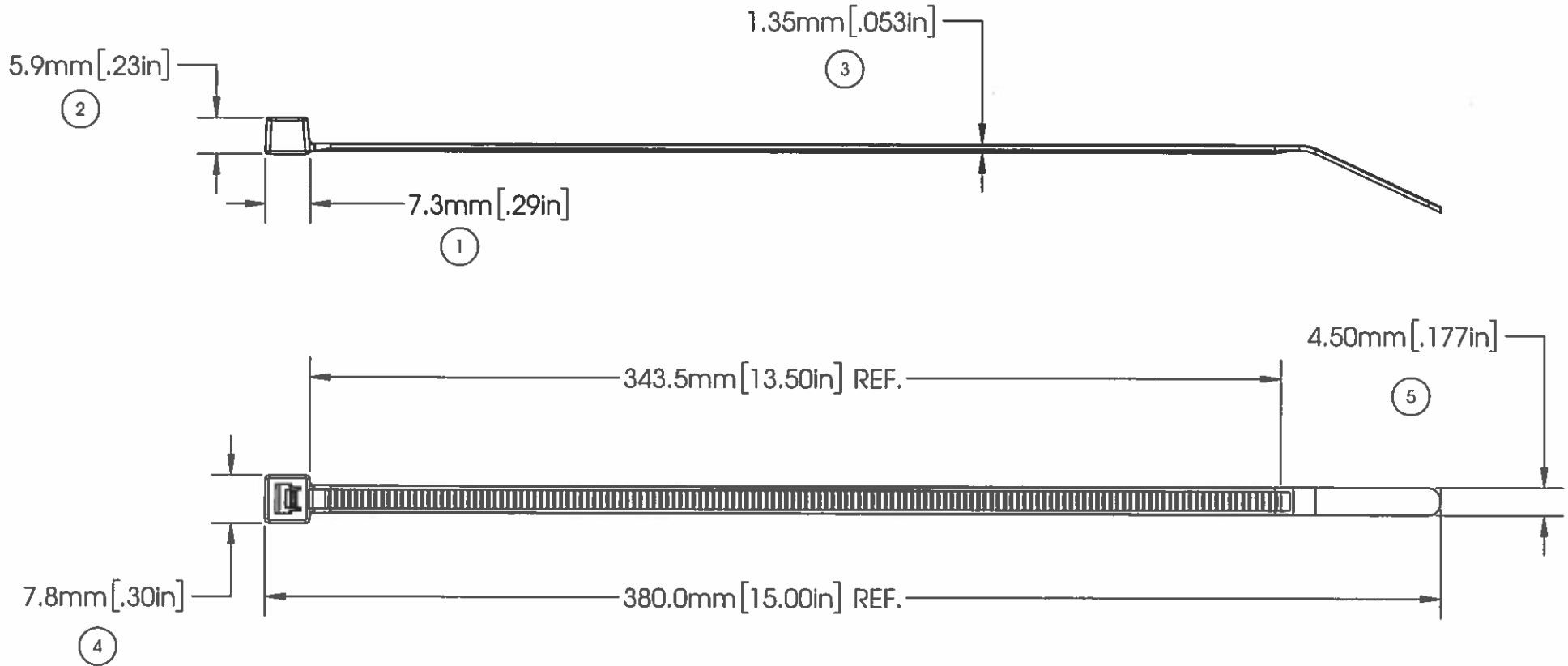
1

AVERY DENNISON MARKETING SPECIFICATION

HISTORY

REV.	DATE	DESCRIPTION
A	2/27/17	INITIAL RELEASE

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⑥	△ LOOP TENSILE:	50 LBF/220 N MIN.
⑦	△ FLAMMABILITY:	HB RATED PER FMVSS302
	OPERATING TEMP RANGE:	-40°F (-40°C) TO 302°F (150°C) CONTINUOUS AND 329°F (165°C) MAXIMUM EXPOSURE
	MIN. INSTALLATION TEMP:	32°F (0°C)
	WEIGHT:	2.2 g. / 0.08 oz
	BUNDLE DIAMETER:	∅ 1.6mm TO ∅ 101.6mm (0.06" -4")
	TOOL:	12001-0 - HAND TOOL 12500-0 - PNEUMATIC TOOL
	TOOL TENSION SETTING:	6-8
	PACKAGING:	100/BAG, 1000/CASE

NOTES:

1. △ INDICATES A SPECIAL CHARACTERISTIC

APPROVALS:	ENG. APPR.	DATE
	<i>[Signature]</i>	2/27/17
	<i>[Signature]</i>	2/27/17



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FITCHBURG, MA 01420 U.S.A.
TEL. 1-800-225-5913
FAX. 978-353-8157

SPECIFIED TOLERANCES ARE:		MATERIAL
.XX ± .03 in	.X ± .7 mm	NYLON 6/6, IMPACT MODIFIED HEAT STABILIZED
.XXX ± .010 in	.XX ± .25 mm	COLOR
ANGULAR: ± 2°		BROWN

DESCRIPTION	STOCK NO.	REV.
15" CABLE TIE, STANDARD, HIGH HEAT	08416-HHBN	A

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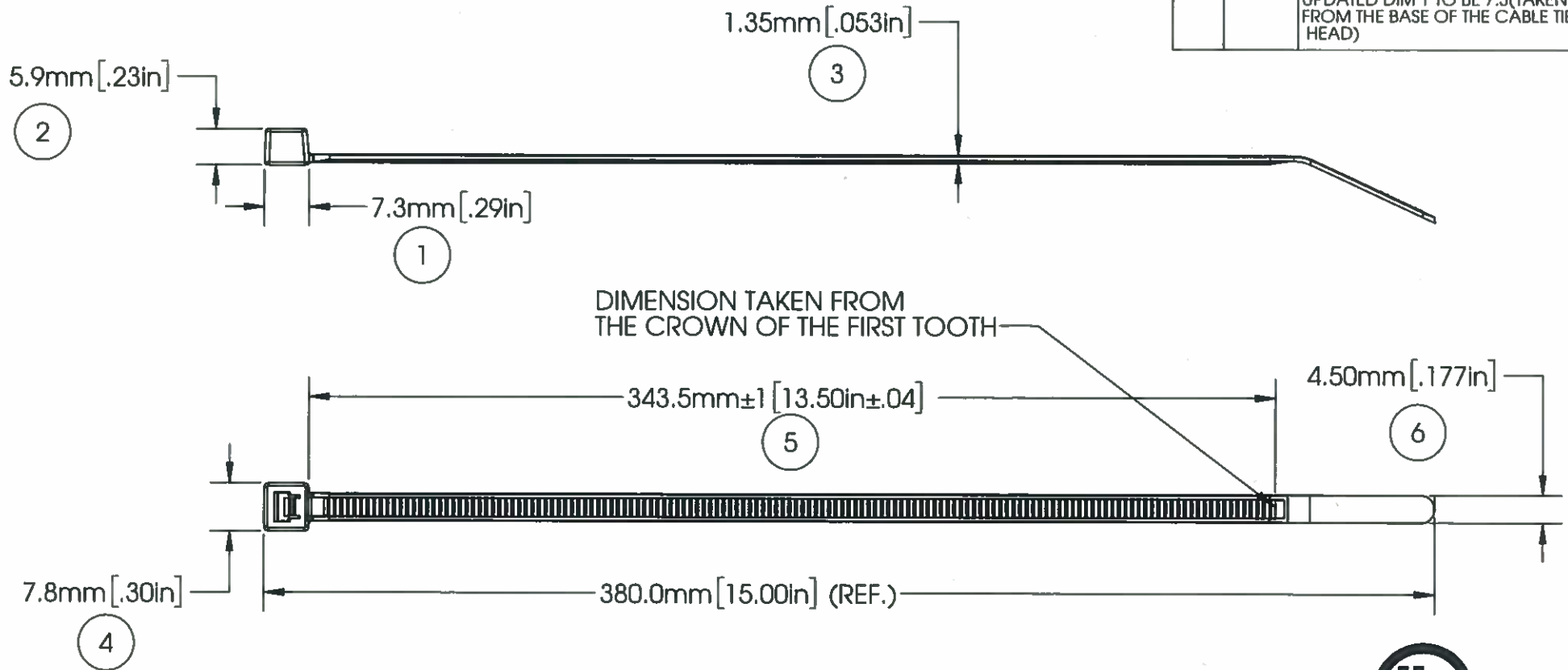
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HISTORY

REV.	DATE	DESCRIPTION
J	1.30.15	REDRAWN IN NEW FORMAT, ADDED UL INFORMATION AND LOGO
K	3.17.16	UPDATED DIM 5 TO BE 343.5mm TO MATCH NOMINAL MOLD DIM; UPDATED DIM 1 TO BE 7.3(TAKEN FROM THE BASE OF THE CABLE TIE HEAD)



POSITIONING DEVICE
E57800
TYPE 21

NOTE: THESE CABLE TIES ARE PLENUM RATED AND HAVE A FLAMMABILITY RATING OF V-2

LOOP TENSILE STRENGTH:	50 LBF/220 N MIN. PER AS-23190
MILITARY STANDARD:	MS-3367-2-9
OPERATING TEMP RANGE:	-40°F (-40°C) TO 185°F (85°C)
MIN. INSTALLATION TEMP:	32°F (0°C)
WEIGHT:	2.35 g. / (0.0800 oz)
BUNDLE DIAMETER:	Ø 1.6mm TO Ø 101.6mm (0.06" - 4")
TOOL:	12001-0 - HAND TOOL 12500-0 - PNEUMATIC TOOL
TOOL TENSION SETTING:	6-8
PACKAGING:	100/BAG, 1000/CASE

APPROVALS: ENG. APPR. *[Signature]* 3/17/16
Q.A. APPR. *[Signature]* 3/17/16



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FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL: 1-800-225-5913
FAX: 978-353-8157

SPECIFIED TOLERANCES ARE:	MATERIAL	DESCRIPTION
.XX ± .03 INCHES .X ± .7 mm	NYLON 6/6	15" CABLE TIE, STANDARD
.XXX ± .010 INCHES .XX ± .25 mm	COLOR	STOCK NO.
ANGULAR: ± 2°	NATURAL	08427-0
		REV. K

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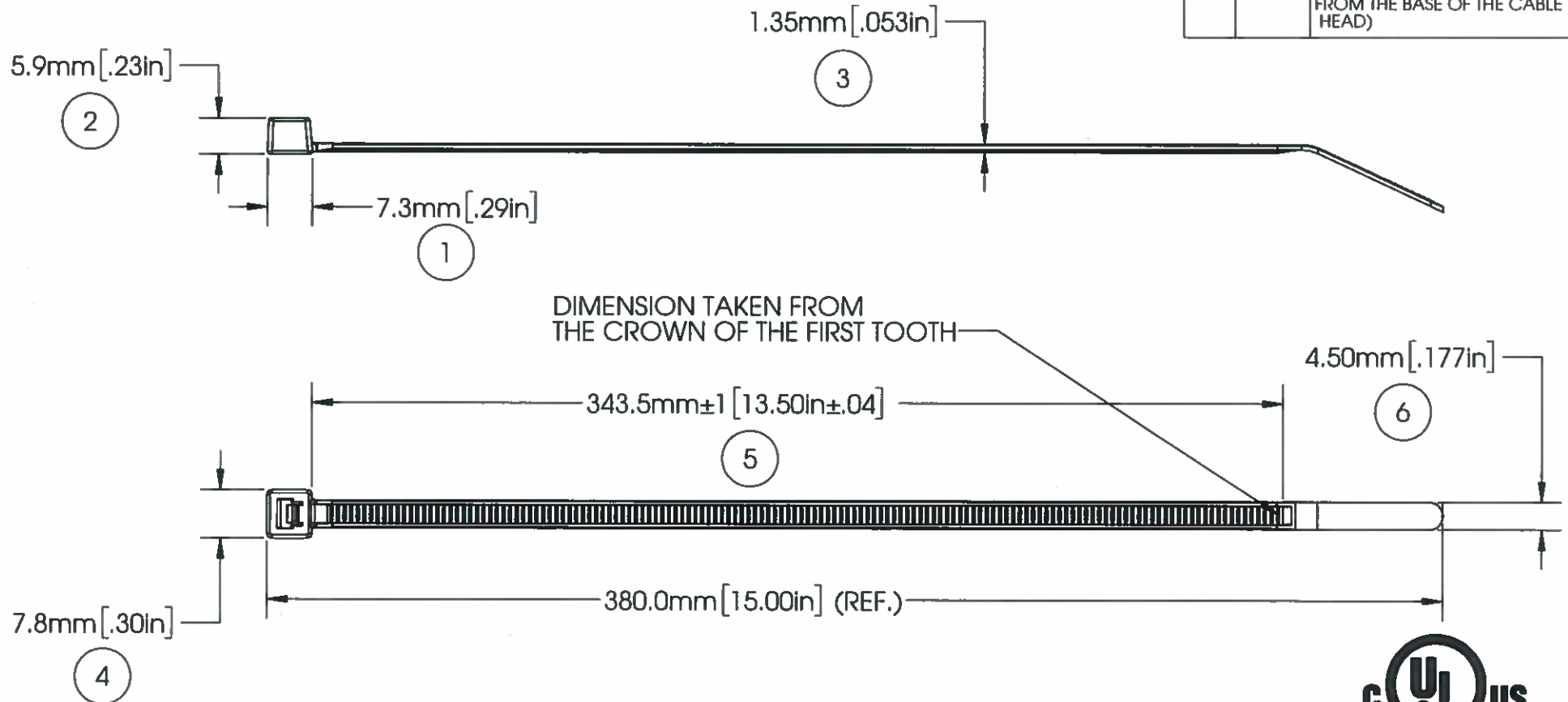
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HISTORY

REV.	DATE	DESCRIPTION
J	1.30.15	REDRAWN IN NEW FORMAT, ADDED UL INFORMATION AND LOGO
K	3.17.16	UPDATED DIM 5 TO BE 343.5mm TO MATCH NOMINAL MOLD DIM; UPDATED DIM 1 TO BE 7.3(TAKEN FROM THE BASE OF THE CABLE TIE HEAD)



POSITIONING DEVICE
E57800
TYPE 21

NOTE: THESE CABLE TIES ARE UV RESISTANT AND HAVE A FLAMMABILITY RATING OF V-2

LOOP TENSILE STRENGTH:	50 LBF/220 N MIN. PER AS-23190
MILITARY STANDARD:	MS-3367-2-0
OPERATING TEMP RANGE:	-40°F (-40°C) TO 176°F (80°C)
MIN. INSTALLATION TEMP:	32°F (0°C)
WEIGHT:	2.35 g. / (0.0800 oz)
BUNDLE DIAMETER:	∅ 1.6mm TO ∅ 101.6mm (0.06" - 4")
TOOL:	12001-0 - HAND TOOL 12500-0 - PNEUMATIC TOOL
TOOL TENSION SETTING:	6-8
PACKAGING:	100/BAG, 1000/CASE

APPROVALS: ENG. APPR. *[Signature]* 3/17/16
Q.A. APPR. *[Signature]* 3/17/16



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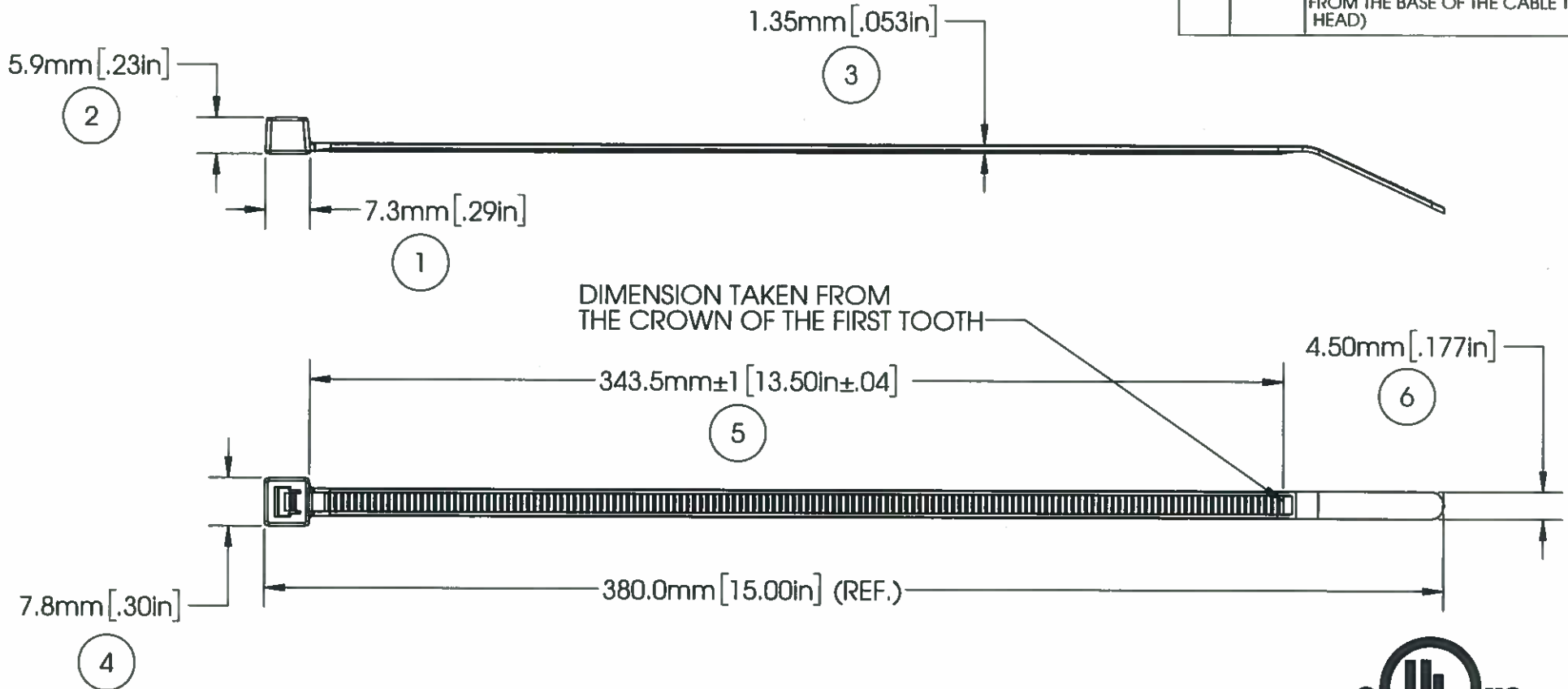
SPECIFIED TOLERANCES ARE:	MATERIAL	DESCRIPTION
.XX ± .03 INCHES .X ± .7 mm	NYLON 6/6, WEATHER RESISTANT	15" CABLE TIE, STANDARD
.XXX ± .010 INCHES .XX ± .25 mm	COLOR	STOCK NO.
ANGULAR: ± 2°	BLACK	08428-0
		REV. K

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HISTORY		
REV.	DATE	DESCRIPTION
C	1.30.15	REDRAWN IN NEW FORMAT, ADDED UL INFORMATION AND LOGO
D	3.17.16	UPDATED DIM 5 TO BE 343.5mm TO MATCH NOMINAL MOLD DIM; UPDATED DIM 1 TO BE 7.3(TAKEN FROM THE BASE OF THE CABLE TIE HEAD)



LISTED
POSITIONING DEVICE
E57800
TYPE 21

NOTE: THESE CABLE TIES ARE PLENUM RATED AND HAVE A FLAMMABILITY RATING OF V-2

APPROVALS: ENG. APPR. *[Signature]* 3/17/16
Q.A. APPR. *[Signature]* 3/17/16



AVERY DENNISON

FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL: 1-800-225-5913
FAX: 978-353-8157

LOOP TENSILE STRENGTH:	50 LBF/220 N MIN. PER AS-23190
MILITARY STANDARD:	MS-3367-2-9
OPERATING TEMP RANGE:	-40°F (-40°C) TO 185°F (85°C)
MIN. INSTALLATION TEMP:	32°F (0°C)
WEIGHT:	2.35 g. / (0.0800 oz)
BUNDLE DIAMETER:	Ø 1.6mm TO Ø 101.6mm (0.06" - 4")
TOOL:	12001-0 - HAND TOOL 12500-0 - PNEUMATIC TOOL
TOOL TENSION SETTING:	6-8
PACKAGING:	500/BAG, 5000/CASE

SPECIFIED TOLERANCES ARE:	
.XX ± .03 INCHES	.X ± .7 mm
.XXX ± .010 INCHES	.XX ± .25 mm
ANGULAR: ± 2°	

MATERIAL	NYLON 6/6
COLOR	NATURAL

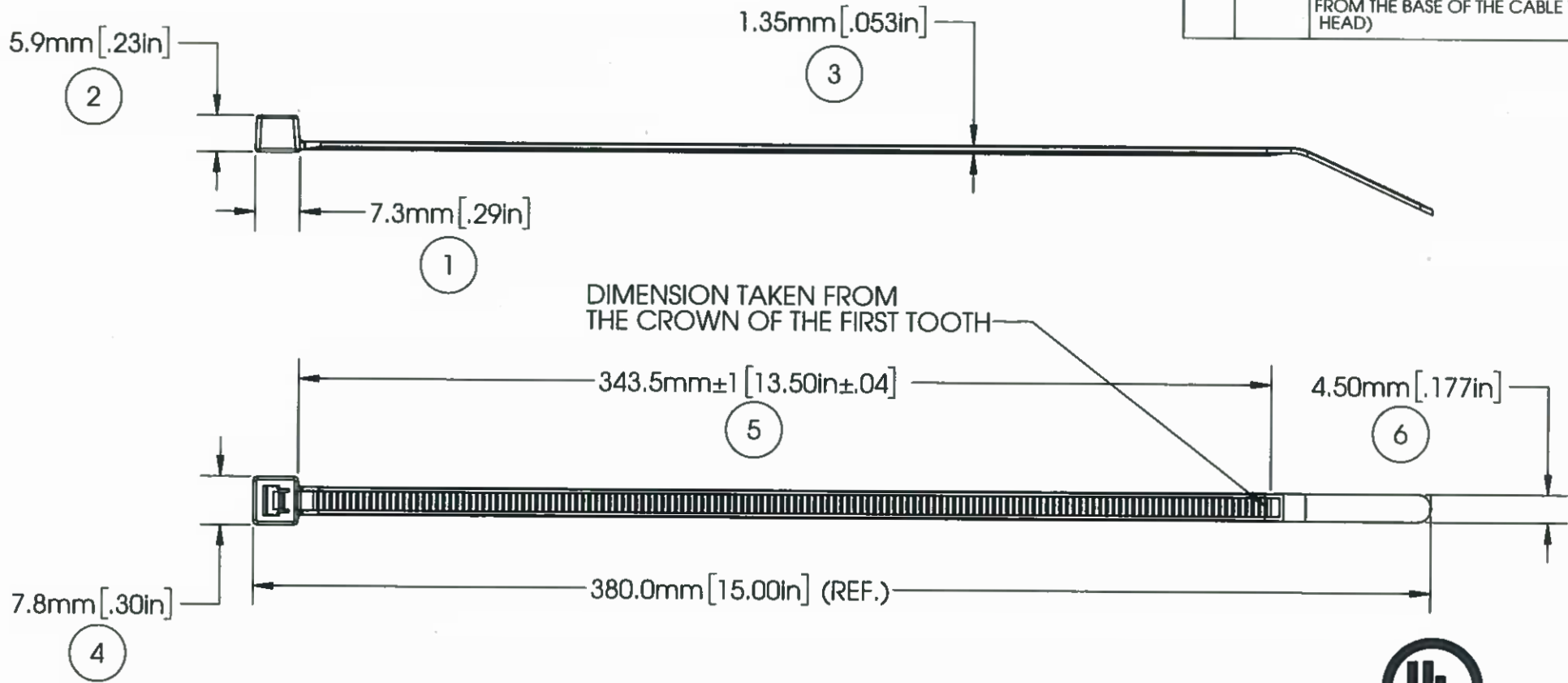
DESCRIPTION	15" CABLE TIE, STANDARD	
STOCK NO.	10036-0	REV. D

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HISTORY		
REV.	DATE	DESCRIPTION
C	1.30.15	REDRAWN IN NEW FORMAT, ADDED UL INFORMATION AND LOGO
D	3.17.16	UPDATED DIM 5 TO BE 343.5mm TO MATCH NOMINAL MOLD DIM; UPDATED DIM 1 TO BE 7.3(TAKEN FROM THE BASE OF THE CABLE TIE HEAD)



DIMENSION TAKEN FROM THE CROWN OF THE FIRST TOOTH



NOTE: THESE CABLE TIES ARE UV RESISTANT AND HAVE A FLAMMABILITY RATING OF V-2

LOOP TENSILE STRENGTH:	50 LBF/220 N MIN. PER AS-23190
MILITARY STANDARD:	MS-3367-2-0
OPERATING TEMP RANGE:	-40°F (-40°C) TO 176°F (80°C)
MIN. INSTALLATION TEMP:	32°F (0°C)
WEIGHT:	2.35 g. / (0.0800 oz)
BUNDLE DIAMETER:	Ø 1.6mm TO Ø 101.6mm(0.06" -4")
TOOL:	12001-0 - HAND TOOL 12500-0 - PNEUMATIC TOOL
TOOL TENSION SETTING:	6-8
PACKAGING:	500/BAG, 5000/CASE

APPROVALS: ENG. APPR. *[Signature]* 3/17/16
Q.A. APPR. *[Signature]* 3/17/16

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FITCHBURG, MA 01420 U.S.A.
TEL: 1-800-225-5913
FAX: 978-353-8157

SPECIFIED TOLERANCES ARE:		MATERIAL
.XX ± .03 INCHES	.X ± .7 mm	NYLON 6/6, WEATHER RESISTANT
.XXX ± .010 INCHES	.XX ± .25 mm	COLOR
ANGULAR: ± 2°		BLACK

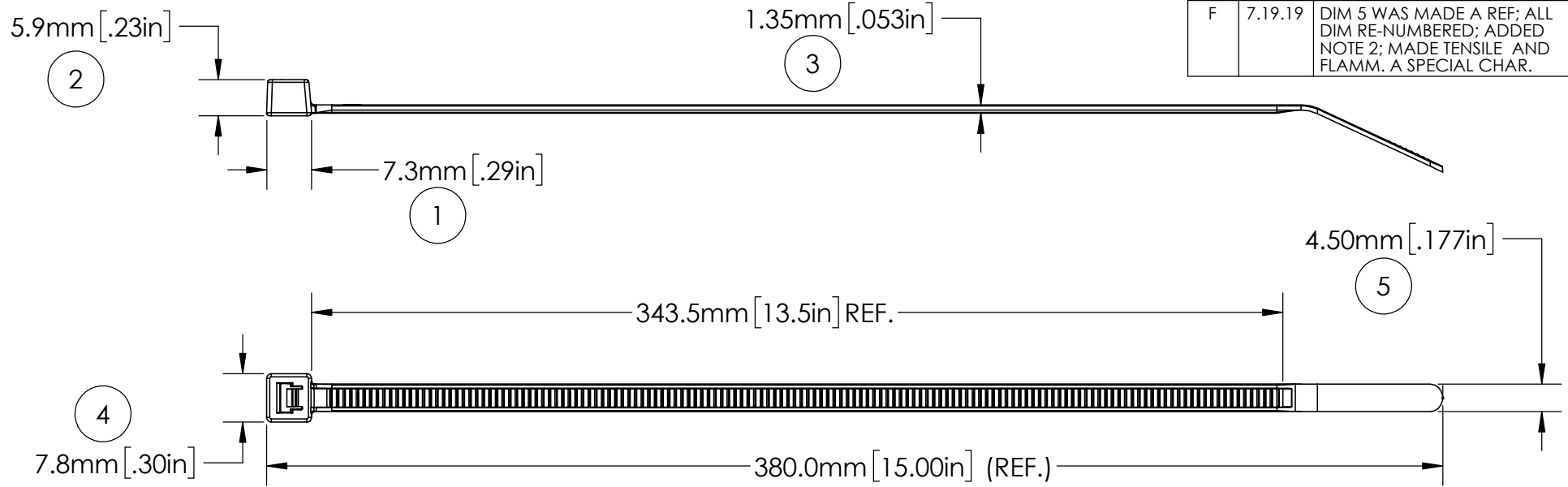
DESCRIPTION	STOCK NO. 10037-0	REV. D
15" CABLE TIE, STANDARD		

AVERY DENNISON MARKETING SPECIFICATION

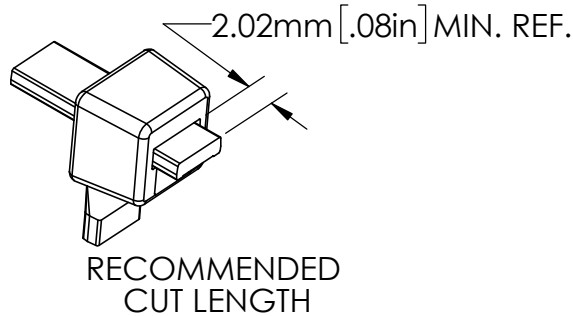
HISTORY

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REV.	DATE	DESCRIPTION
E	3.17.16	UPDATED DIM 5 TO BE 343.5mm TO MATCH NOMINAL MOLD DIM; UPDATED DIM 1 TO BE 7.3(TAKEN FROM THE BASE OF THE CABLE TIE HEAD)
F	7.19.19	DIM 5 WAS MADE A REF; ALL DIM RE-NUMBERED; ADDED NOTE 2; MADE TENSILE AND FLAMM. A SPECIAL CHAR.



- NOTE:
1. THESE CABLE TIES ARE PLENUM RATED AND HAVE A FLAMMABILITY RATING OF V-2
 2. SPECIAL CHARACTERISTICS ARE DENOTED BY A TRIANGLE (Δ)



Δ	FLAMMABILITY:	HB RATED PER FMVSS302
Δ	TENSILE STRENGTH:	50 LBF/220 N MIN. PER AS-23190
	OPERATING TEMP RANGE:	-40°F (-40°C) TO 221°F (105°C)
	MIN. INSTALLATION TEMP:	32°F (0°C)
	WEIGHT:	2.35 g. / (0.0800 oz)
	BUNDLE DIAMETER:	ϕ 1.6mm TO ϕ 101.6mm(0.06" -4")
	TOOL:	12001-0 - HAND TOOL 12500-0 - PNEUMATIC TOOL
	TOOL TENSION SETTING:	6-8
	PACKAGING:	500/BAG, 5000/CASE

APPROVALS:	ENG. APPR. <i>Daniel Gilbertson</i>	07.19.19
	Q.A. APPR. <i>Caitlin Vaillancourt</i>	07.19.19

SPECIFIED TOLERANCES ARE:	
.XX \pm .03 INCHES	.X \pm .7 mm
.XXX \pm .010 INCHES	.XX \pm .25 mm
ANGULAR: \pm 2°	

MATERIAL	NYLON 6/6
COLOR	BLACK HEAT STABILIZED

AVERY DENNISON <small>FASTENER DIVISION FITCHBURG, MA 01420 U.S.A. TEL. 1-800-225-5913 FAX. 978-353-8157</small>	
DESCRIPTION	
15" CABLE TIE, STANDARD	
STOCK NO.	10408-0
REV.	F