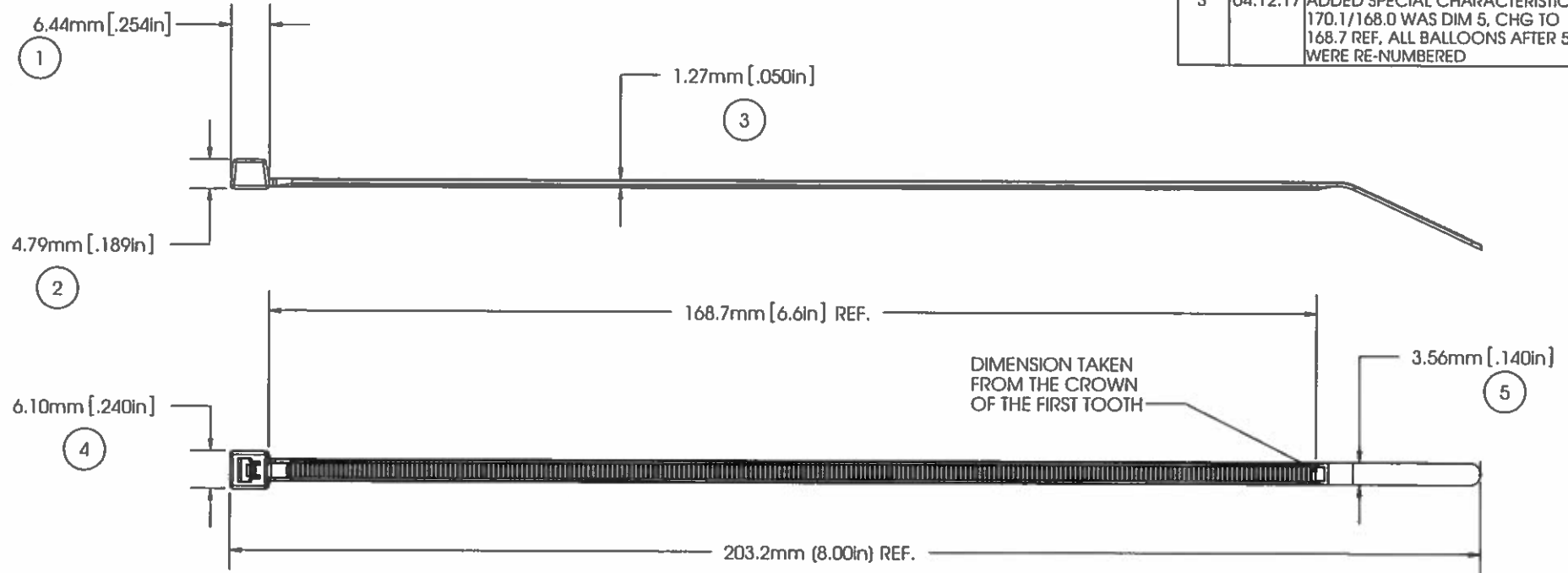


AVERY DENNISON MARKETING SPECIFICATION

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HISTORY		
REV.	DATE	DESCRIPTION
P	07.15.09	UPDATE MATERIAL DESCRIPTION
Q	08.08.12	BALLOON 5 CHG TO MATCH ACT
R	09.05.14	CHG DIM 1 TO BE TAKEN FROM BOTTOM OF THE HEAD. MADE MM THE PRIMARY UNITS
S	04.12.17	ADDED SPECIAL CHARACTERISTICS: 170.1/168.0 WAS DIM 5. CHG TO 168.7 REF. ALL BALLOONS AFTER 5 WERE RE-NUMBERED



NOTE:
1. SPECIAL CHARACTERISTICS ARE NOTED BY A TRIANGLE (Δ)

⑥	Δ FLAMMABILITY RATING:	HB RATED PER FMVSS302
⑦	Δ TENSILE STRENGTH:	40 LBF /180N MIN. PER AS-23190
	OPERATING TEMP:	-40°F(-40°C) TO 220°F (105°C)
	MIN. INSTALLATION TEMP:	32°F(0°C)
	WEIGHT:	1.0g/0.04oz.
	BUNDLE DIAMETER:	Ø 1.6mm TO Ø 54.0mm
	TOOL:	12001 - HAND INSTALLATION TOOL 12500 - PNUM. INSTALLATION TOOL
	TOOL TENSION SETTING:	3-5
	PACKAGING:	1000/BAG, 5000/CASE

APPROVALS: ENG. APPR. *[Signature]* 4/12/17
Q.A. APPR. *[Signature]* 4/12/17

SPECIFIED TOLERANCES ARE:
.XX ± .03 in. .X ± 0.8 mm
.XXX ± .010 in. .XX ± .25 mm
ANGULAR: ± 2°

MATERIAL **NYLON 6/6,
HEAT STABILIZED**
COLOR **BLACK**

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

DESCRIPTION **8" CABLE TIE, INTERMED.**
STOCK NO. **08401-0** REV. **S**