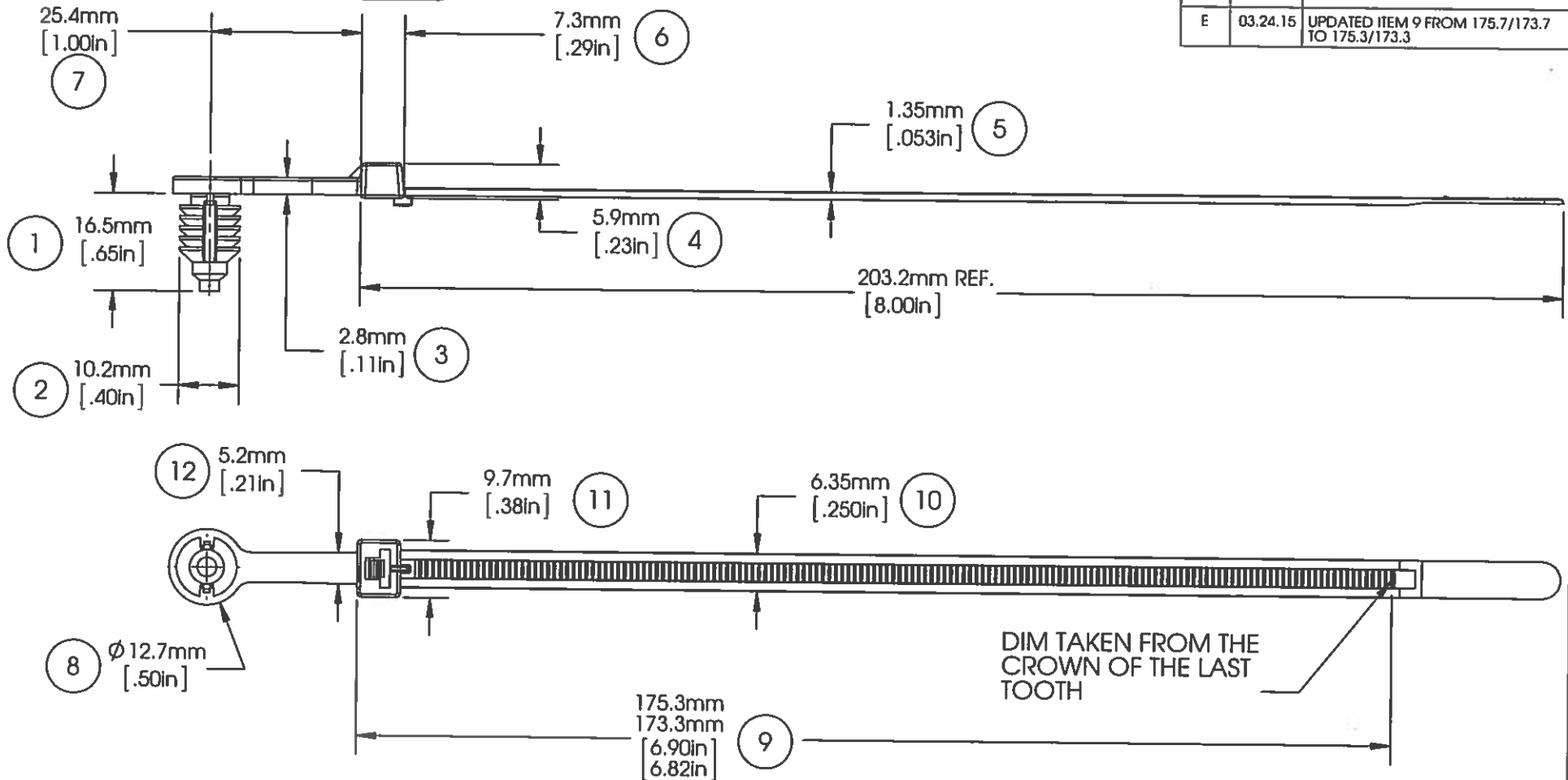


AVERY DENNISON MARKETING SPECIFICATION

HISTORY

THE SUBJECT MATTER DISCLOSED HEREIN EMBODIES PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF THE AVERY DENNISON CO. NONE OF WHICH SHALL BE COPIED, REPRODUCED, DISCLOSED TO OTHERS, PUBLISHED OR USED IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS BEING MADE AVAILABLE WITHOUT THE EXPRESS ADVANCE WRITTEN PERMISSION OF A DULY AUTHORIZED AGENT OF THE COMPANY. THIS DOCUMENT IS THE PROPERTY OF THE AVERY DENNISON CO. AND IS TO BE RETURNED TO THE COMPANY ON DEMAND.

REV.	DATE	DESCRIPTION
D	04.17.13	UPDATED TO NEW FORMAT, ADJUSTED THE BALLOONS CONF. AND ADDED BALLOONS 3, 8 and 11; UPDATED ITEM 9 FROM 175.2 TO 175.7/173.7
E	03.24.15	UPDATED ITEM 9 FROM 175.7/173.7 TO 175.3/173.3



MOUNTING:	Ø9.5MM ± 0.25MM HOLE
TENSILE STRENGTH:	50 LBF / 222.4N MIN.
TEMPERATURE RANGE:	-40°F (-40°C) TO 220°F (105°C)
WEIGHT:	2.81 GRAMS EACH
BUNDLE DIAMETER:	Ø1/16" (1.6MM) TO Ø1-7/8" (47.6MM)
INSTALLATION TOOL:	12001 - HAND TOOL 12500 - PNEUMATIC TOOL
TOOL TENSION SETTING:	6-8
PACKAGING:	500/BAG, 10 BAGS/MASTER

APPROVALS:	ENG. APPR. <i>LQ-DM-3/24/15</i>
	Q.A. APPR. <i>Catherine Wullent 3/24/15</i>

SPECIFIED TOLERANCES		MATERIAL NYLON 6/6, IMPACT MODIFIED, HEAT STABILIZED
INCHES	MM	
.XX ± .03	.X ± .7	COLOR BLACK
.XXX ± .01	.XX ± .25	
ANGULAR: ± 2°		



DESCRIPTION	OFFSET TIE, 9.5MM, REVERSED	
STOCK NO.	20032-0	REV. E