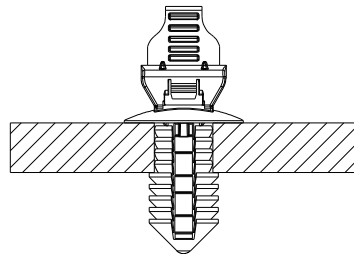
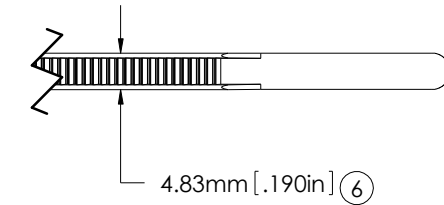
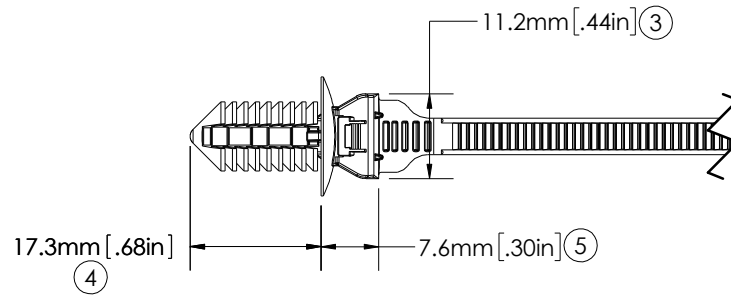
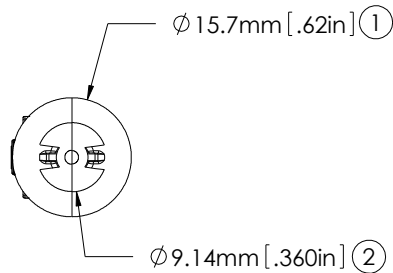


# AVERY DENNISON MARKETING SPECIFICATION

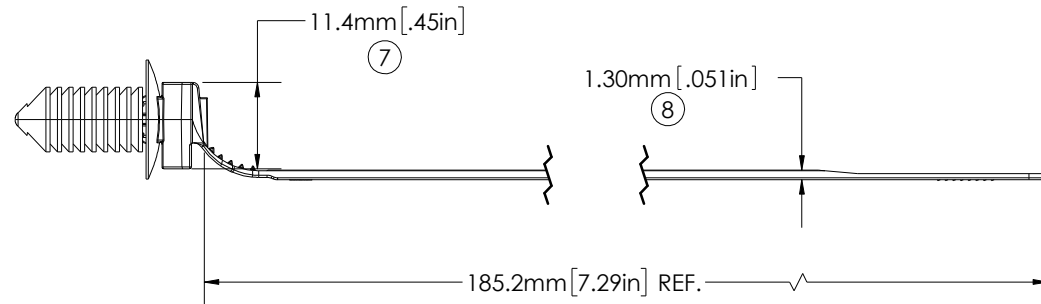
## HISTORY

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REV.	DATE	DESCRIPTION
A	2/8/10	RELEASE TO PRODUCTION
B	08.10.18	RELEASE UPDATES TO NEW FORMAT; ADDED -0 TO PART NUMBER; ADDED SPECIAL CHARACTERISTIC NOTE



**ASSEMBLED VIEW**



NOTES:  
1.  $\Delta$  = INDICATES SPECIAL CHARACTERISTIC

9	$\Delta$	FLAMMABILITY:	HB RATED PER FMVSS302
10	$\Delta$	TENSILE STRENGTH:	222N / 50 LBF MIN.
		MOUNTING:	$\phi$ 8.00mm $\pm$ 0.25mm HOLE IN 0.7mm TO 7.0mm THICK PANEL AND M10 THREADED HOLE.
		TEMPERATURE RANGE:	-40°F (-40°C) TO 239°F (115°C) CONTINUOUS AND 257°F (125°C) AT MAXIMUM EXPOSURE
		WEIGHT:	1.9g
		BUNDLE DIAMETER:	$\phi$ 1.6mm [1/16in] TO $\phi$ 44.5mm [1-3/4in]
		INSTALLATION TOOL:	12001 - HAND TOOL 12500 - PNEUMATIC TOOL
		TOOL TENSION SETTING:	6 - 8
		PACKAGING:	500/BAG, 5,000/CASE

<b>APPROVALS:</b>	ENG. APPR. <i>Daniel Gilbertson</i>	08.10.18
	Q.A. APPR. <i>Rick Estano</i>	08.10.18
<b>SPECIFIED TOLERANCES</b>		
	INCHES [mm]	
	.XX $\pm$ .03 .X $\pm$ .7	
	.XXX $\pm$ .010 .XX $\pm$ .25	
	ANGULAR: $\pm$ 2°	
<b>MATERIAL</b>	NYLON 6/6 IMPACT MODIFIED, HEAT STABILIZED	
<b>COLOR</b>	NATURAL	



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

<b>DESCRIPTION</b>	
<b>LONG 8mm FIR TREE TIE</b>	
<b>PART NO.</b>	<b>20127-0</b>
<b>REV.</b>	<b>B</b>