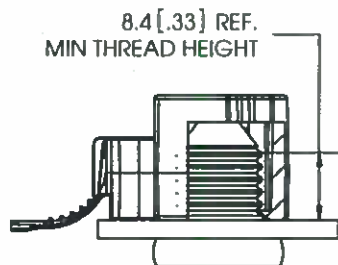


AVERY DENNISON MARKETING SPECIFICATION

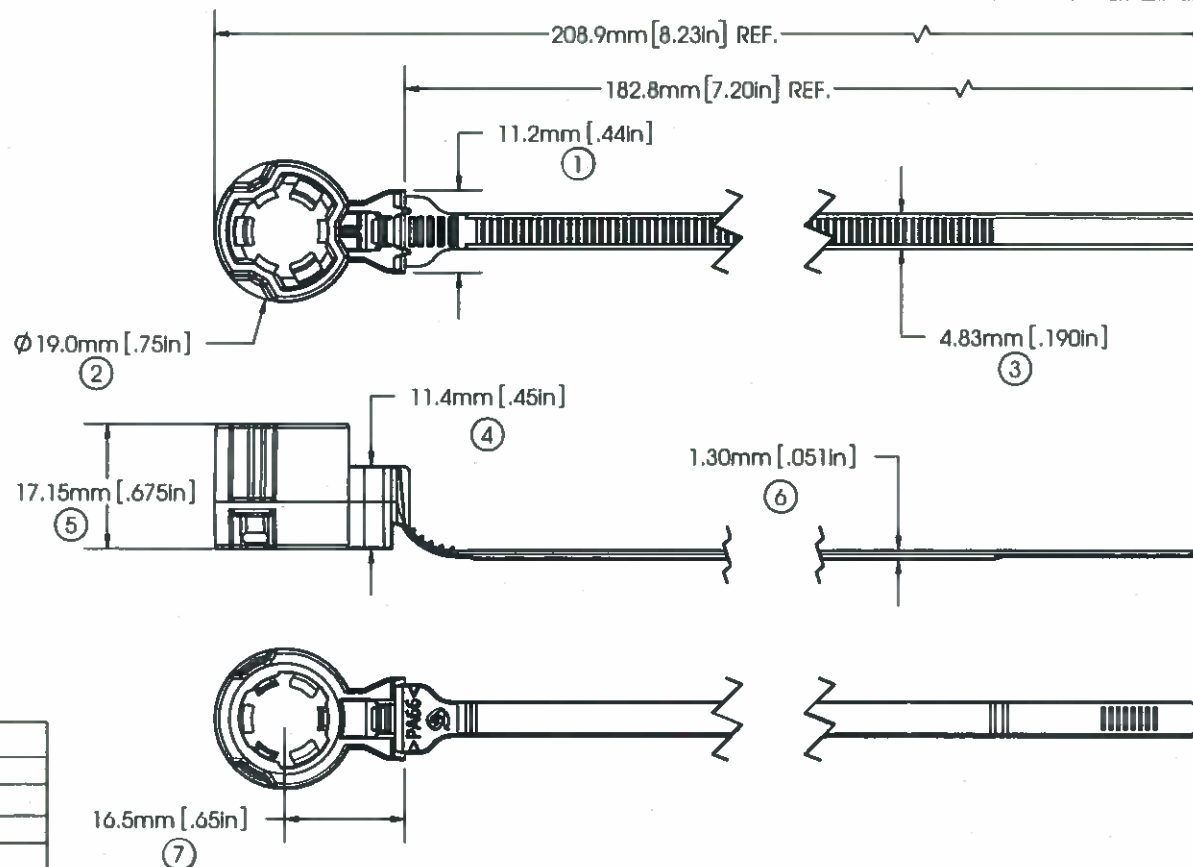
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HISTORY

REV.	DATE	DESCRIPTION
A	3/1/07	RELEASE TO PRODUCTION
B	3/04/08	INCREASE CAPACITY
C	11/18/16	UPDATED FORMAT; ADDED FLAMMABILITY SPEC AND SPECIAL CHAR., INSERTION AND EXTRACTION SPEC



ASSEMBLED VIEW



NOTES:

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

8	Δ FLAMMABILITY RATING:	HB RATED PER FMVSS302
9	Δ TENSILE STRENGTH:	50 LBF / 22.7 KGF MIN.
	INSERTION FORCE:	10 LBF / 44.5N MAX.
	EXTRACTION FORCE:	35 LBF / 155.7N MIN.
	MOUNTING:	M12 THREADED STUD, SEE ASSEMBLED VIEW FOR ADDITIONAL REQUIREMENTS
	OPERATING TEMP RANGE:	-40°F (-40°C) TO 239°F (115°C) CONTINUOUS AND 257°F (125°C) AT MAXIMUM EXPOSURE
	WEIGHT:	3.5g
	BUNDLE DIAMETER:	Ø 1.6mm TO Ø 44.5mm
	TOOL:	TOOL HAND ADJUSTABLE, FOR PLASTIC TIE DOWN STRAP, AVERY DENNISON PART NO. 12001-0
	TOOL TENSION SETTING:	6 - 8
	PACKAGING:	500/BAG, 10 BAGS/MASTER

APPROVALS:

ENG. APPR. *Darin Padden 11/18/16*
Q.A. APPR. *Cartha Gullen 11/18/16*

SPECIFIC TOLERANCES ARE:

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

MATERIAL **NYLON 6/6,
IMPACT MODIFIED, HEAT STABILIZED**

COLOR **BLACK**



**AVERY
DENNISON**

FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL. 1-800-225-6913
FAX. 978-353-8157

DESCRIPTION **M12 WELD STUD TIE**

STOCK NO. **20116-0**

REV. **C**

Mouser Electronics

Authorized Distributor

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