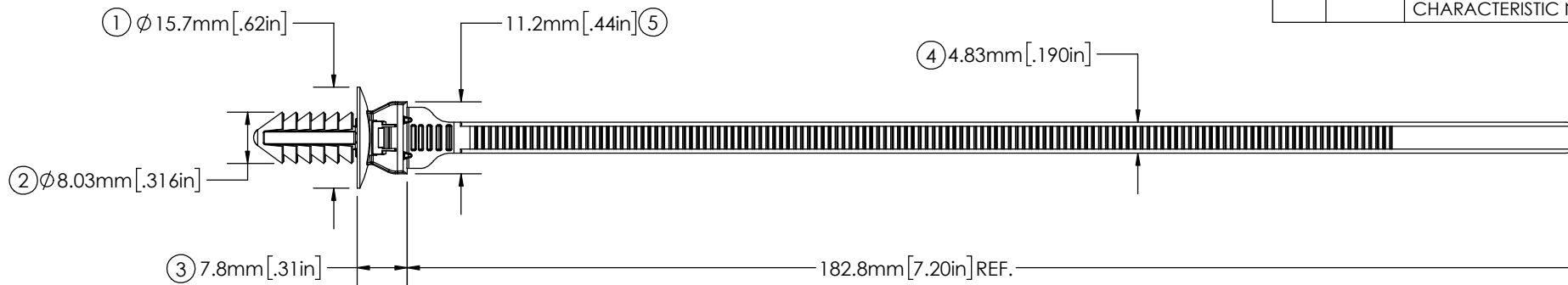


AVERY DENNISON MARKETING SPECIFICATION

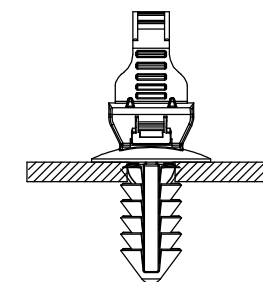
THE SUBJECT MATTER DISCLOSED HEREIN EMBODIES PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF THE AVERY DENNISON CO. NONE OF WHICH SHALL BE COPIED, REPRODUCED, DISCLOSED TO OTHERS, PUBLISHED OR USED IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS BEING MADE AVAILABLE 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.

HISTORY

| REV. | DATE | DESCRIPTION |
|------|----------|---|
| C | 12/05/08 | UPDATE OPERATING TEMP; AND APPLICABLE PANEL THICKNESS |
| D | 08.03.18 | UPDATES TO NEW FORMAT; ADDED -0 TO PART NUMBER; ADDED SPECIAL CHARACTERISTIC NOTE |



6.5deg MAX. REF.
ACCEPTABLE FIR
TREE BEND
EITHER DIRECTION



ASSEMBLED VIEW

| | | |
|----|------------------------|---|
| 9 | △ FLAMMABILITY RATING: | HB RATED PER FMVSS302 |
| 10 | △ TENSILE STRENGTH: | 222N/ 50 LBF MIN. |
| | MOUNTING: | Ø 6.60mm ± 0.25mm HOLE AND 6.35mm HEX HOLE. PANEL THICKNESS OF 0.7mm TO 7.0mm |
| | OPERATING TEMP RANGE: | -40°F (-40°C) TO 257°F (125°C) |
| | WEIGHT: | 1.8g |
| | BUNDLE DIAMETER: | Ø 1.6mm [.06in] TO Ø 44.5mm [1.75in] |
| | INSTALLATION TOOL: | 12001 - HAND TOOL 12500 - PNEUMATIC TOOL |
| | TOOL TENSION SETTING: | 6 - 8 |
| | PACKAGING: | 500/BAG, 10 BAGS/MASTER |

NOTES:

1. △ = INDICATES SPECIAL CHARACTERISTIC


APPROVALS:

| | | |
|------------|--------------------------|----------|
| ENG. APPR. | <i>Daniel Gilbertson</i> | 08.03.18 |
| Q.A. APPR. | <i>Rick Estano</i> | 08.03.18 |

| SPECIFIED TOLERANCES | |
|----------------------|-----------|
| INCHES | [mm] |
| .XX ± .03 | .X ± .7 |
| .XXX ± .010 | .XX ± .25 |
| ANGULAR: ± 2° | |

MATERIAL **NYLON 6/6,
IMPACT MODIFIED, HEAT STAB.**

COLOR **GRAY**

| | | | |
|---|----------------|---|----------|
|  AVERY DENNISON | | <small>FASTENER DIVISION FITCHBURG, MA 01420 U.S.A. TEL. 1-800-225-5913 FAX. 978-353-8157</small> | |
| DESCRIPTION | | LOW INSERTION FIR TREE TIE | |
| PART NO. | 20105-0 | REV. | D |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Avery Dennison:](#)

[20105-0](#)