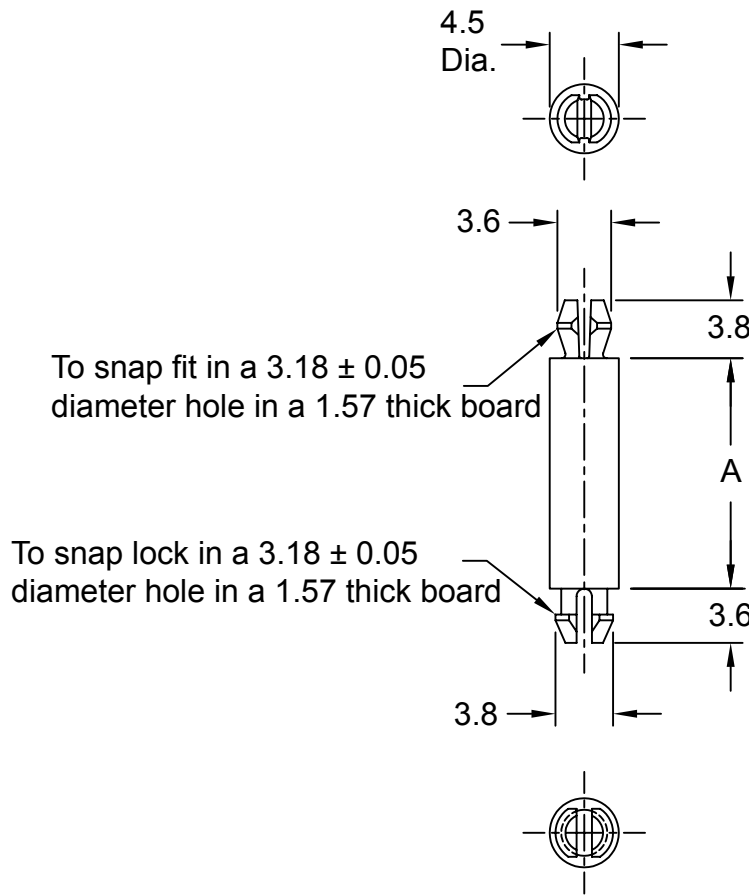


P1603A Series



Part #	A (mm)
P1603A-3.2	3.2
P1603A-4.8	4.8
P1603A-6.4	6.4
P1603A-7.9	7.9
P1603A-9.5	9.5
P1603A-11.1	11.1
P1603A-12.7	12.7
P1603A-14.3	14.3
P1603A-15.9	15.9
P1603A-19.1	19.1
P1603A-20.6	20.6
P1603A-22.2	22.2
P1603A-25.4	25.4
P1603A-28.6	28.6
P1603A-31.8	31.8
P1603A-34.9	34.9
P1603A-38.1	38.1

Units: mm

Specifications

Material: Nylon 66, UL94V-2, or Equivalent

Component - Plastics

E41938

E I DUPONT DE NEMOURS & CO INC

ENGINEERING POLYMERS, CHESTNUT RUN PLAZA, PO BOX 80713, WILMINGTON DE 19880

101(r9)(f1), 101F(r9)(f1), 101L(r9)(f1), E101(r9)(f1), E101L(r9)(f1)

Polyamide 66 (PA66), "Zytel", furnished as pellets

Color	Mln Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI imp	RTI Str
ALL	0.71	V-2	4	0	130	75	86
	1.5	V-2	3	0	130	75	86
	3.0	V-2	2	0	130	75	86
	6.0	V-2	2	0	130	75	86

Comparative Tracking Index (CTI): 0

Dielectric Strength (kV/mm): 13

High-Voltage Arc Tracking Rate (HVTR): 0

Dimensional Stability (%): -

Inclined Plane Tracking (IPT): -

Volume Resistivity (10⁴ ohm-cm): 14

High Volt, Low Current Arc Res (D485): 6

(F1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

NOTE - (1) Material designations that are color pigmented may be followed by suffix letters and numbers. (2) Material designations may be prefixed by "ZYT" for Zytel or "MIN" for Minlon or "DEL" for Delrin or "GRA" for Crastin or "RYN" for Rynite or "ETPV" for ETPV grades.

r9 - Virgin and regrind up to 80% by weight inclusive, have the same basic material characteristics for ALL colors down to 0.71mm. For thickness 0.40mm to 0.70mm the same basic material characteristics exist with the exception of generic RTIs for all properties and Regrind exceeding 25% is limited to V-2 Flammability for WT, RD, BK.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 1998-07-29

Last Revised: 2010-07-27

© 2011 Underwriters Laboratories Inc.

