



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PART DESCRIPTIONS

04

NOMINAL SIZE	DIMENSION					BUNDLE RANGE	PART NUMBER (SEE NOTE 1)
	A	B	C	D	E		
	REF	$\pm .008$ $\pm .20$	$\pm .010$ $\pm .25$	$\pm .020$ $\pm .51$			
1/8	.125 [3.18]	.032 [.81]	.134 [3.40]	.061 [1.55]	.187 +/- .062 [4.75 +/- 1.58]	.063 to .500 [1.60 to 12.7]	1NFP_
		.015 [.38]	.176 [4.47]	.095 [2.41]	.187 +/- .062 [4.75 +/- 1.58]		1FRP_
		.020 [.51]	.169 [4.29]	.085 [2.16]	.187 +/- .062 [4.75 +/- 1.58]		1N_
							1P_
1/4	.250 [6.35]	.045 [1.14]	.301 [7.65]	.160 [4.06]	.375 +/- .125 [9.53 +/- 3.17]	.188 to 2.00 [4.75 to 50.8]	2NFP_
		.025 [.63]	.324 [8.23]	.200 [5.08]	.375 +/- .125 [9.53 +/- 3.17]		2FRP_
		.030 [.76]	.318 [8.08]	.190 [4.83]	.375 +/- .125 [9.53 +/- 3.17]		2N_
3/8	.375 [9.53]	.052 [1.32]	.389 [9.88]	.271 [6.88]	.438 +/- .125 [11.13 +/- 3.17]	.313 to 3.00 [7.92 to 76.2]	2.5NFP_
		.035 [.89]	.398 [10.11]	.305 [7.75]	.438 +/- .125 [11.13 +/- 3.17]		2.5FRP_
		.030 [.76]	.401 [10.19]	.315 [8.00]	.438 +/- .125 [11.13 +/- 3.17]		2.5N_
1/2	.500 [12.70]	.062 [1.57]	.508 [12.90]	.376 [9.55]	.563 +/- .125 [14.30 +/- 3.17]	.375 to 4.00 [9.52 to 102]	2.5P_
		.035 [.89]	.470 [11.94]	.430 [10.92]	.500 +/- .125 [12.70 +/- 3.17]		3FRP_
		.030 [.76]	.521 [13.23]	.440 [11.18]	.500 +/- .125 [12.70 +/- 3.17]		3NFP_
3/4	.750 [19.05]	.065 [1.65]	.700 [17.78]	.620 [15.75]	.750 +/- .250 [19.05 +/- 6.35]	.750 to 5.00 [19.10 to 127]	3N_
		.032 [.81]	.708 [17.98]	.686 [17.42]	.750 +/- .250 [19.05 +/- 6.35]		4FRP_
		.032 [.81]	.808 [20.52]	.686 [17.42]	.750 +/- .250 [19.05 +/- 6.35]		4N_
7/8	.825 [20.96]	.032 [.81]	.828 [21.03]	.811 [20.60]	.875 +/- .250 [22.23 +/- 6.35]	.630 to 6.00 [16.00 to 152]	4P_
							4.5N_
1	1.000 [25.40]	.080 [2.03]	.931 [23.65]	.840 [21.34]	1.000 +/- .250 [25.40 +/- 6.35]	1.00 to 7.00 [25.40 to 178]	5NFP_
		.032 [.81]	.947 [24.05]	.936 [23.77]	1.000 +/- .250 [25.40 +/- 6.35]		5FRP_
		.040 [1.02]	.945 [24.00]	.920 [23.37]	1.000 +/- .250 [25.40 +/- 6.35]		5N_
					.750 to 5.00 [19.10 to 127]	5P_	

NOTES:

1. MATERIAL DEFINITION AND APPROVALS:

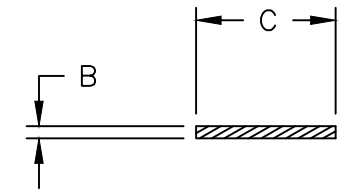
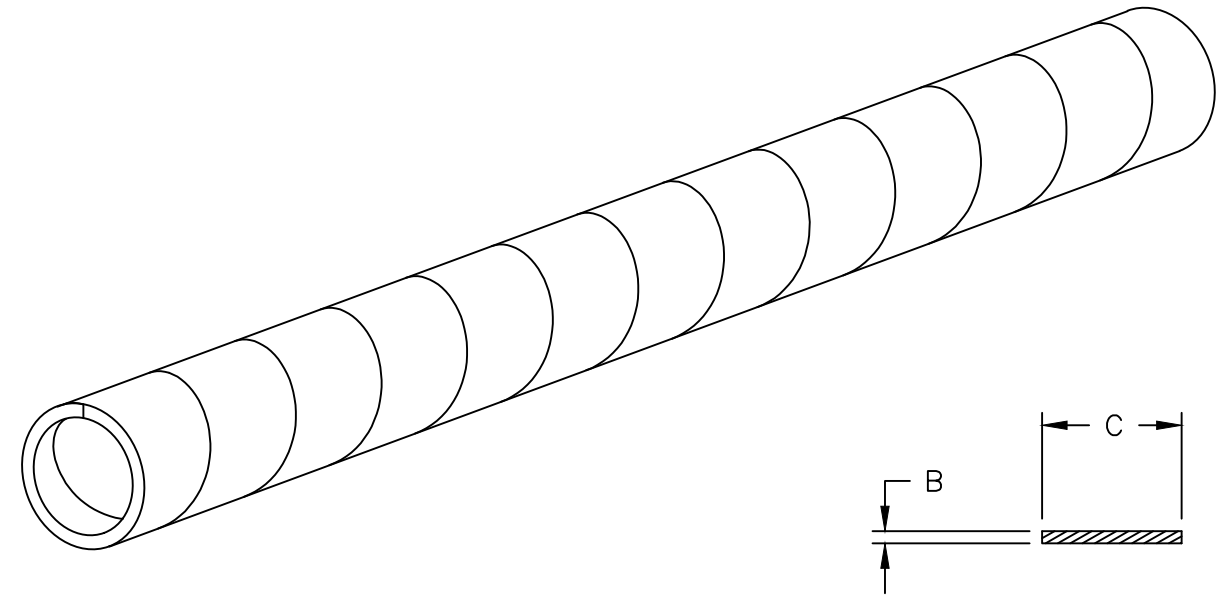
- NFP: NON-FLAME RETARDANT POLYETHYLENE
- MIL I-631D
  - MIL P-21922B
  - MIL A-A-59602 TYPE I
  - FED SPEC LP390C

- FRP: FLAME RETARDANT POLYETHYLENE
- NONE

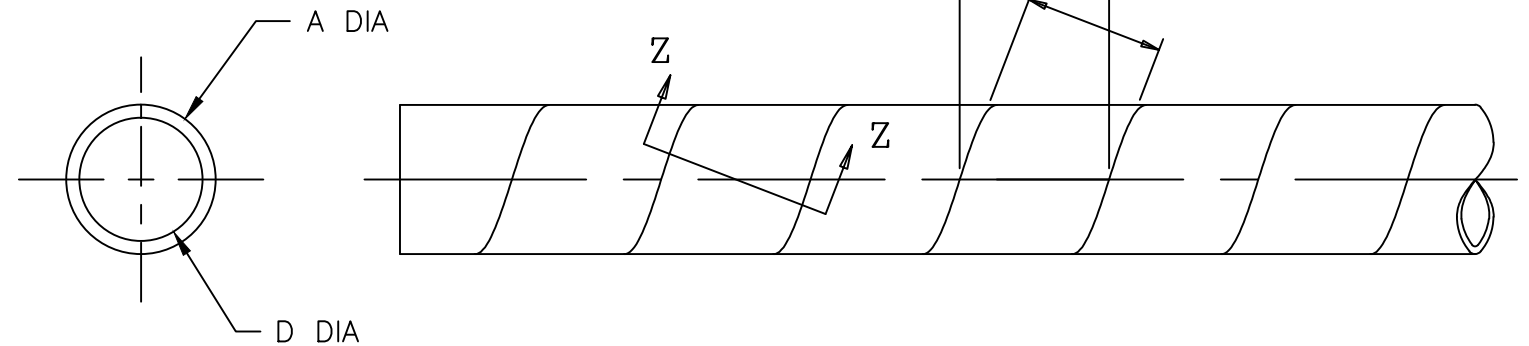
- N: NYLON
- MIL A-A-59602 TYPE II
  - AS1294

- P: P.T.F.E. - TEFLON
- MIL I-22129C
  - MIL A-A-59602 TYPE III
  - AMS 3653C
  - AMS 3654
  - AMS 3655
  - ASTM D3295
  - ASTM D1710
  - AS1294

2. CUSTOM CUT LENGTH TOLERANCE  $\pm .25$ [6.35]



SECTION Z-Z



PART NUMBER DESCRIPTION:

1NFP\_   
 CUSTOM CUT LENGTH (CONSULT FACTORY FOR QUOTE - SEE NOTE 2)   
 COLOR (CONSULT FACTORY FOR AVAILABLE COLORS)

REDUCED NO SCALE

**Hellemanntyton.**

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name	date	city, state

NOTES

REVISION

level	04
date	04/08/16
by	GRW
ECN #	013417
part level	-

DIMENSIONS

TOLERANCES

.XXXX=

.XXX= NOTED

.XX= NOTED

.X=

∠=

unless otherwise specified

units inches/[mm]

PART

number SEE CHART

phase PRODUCTION

name

material

SPIRALWRAP

SEE NOTE 1

DRAWING

FORMAT B version M	CAD	ACAD	scale 1X
computer file number	previous number		
DT\SER\2005100_04			
drawn G.G.G.	checked K.A.C.	approved	
01/07/93	07/27/06		
type	SERIES	sheet 1 of 1	
number	DT2005100SER		