



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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**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

**Part Numbers:** PNC3/8-PNC1  
**Spec Number:** PNC  
**Page 1 of 1 Pages**

**Issue:** 2  
**Issue Date:** 02/27/2018  
**Effective Date:** 02/27/2018

**A. Technical Details**

- 1) Material
  - a) Body PA 6 (Polyamide 6)
  - b) Cap PA 6 (Polyamide 6)
  - c) Seal CR (Chloroprene Rubber)
- 2) Color
  - a) Gray, RAL 7001
  - b) Black, RAL 9005
- 3) Protection Class
  - a) IP 68 5 Bar, 30 min
  - b) IP 66
- 4) Flammability
  - a) V2 (According to UL94)
- 5) Temperature Rating
  - a) Permanent -20°C to +100°C
  - b) Intermittent -30°C to +150°C
- 6) Thread Type
  - a) NPT according to ANSI B1.20.1
- 7) Approvals
  - a) UL UL 514
  - b) CSA CSA C22.2



Size	Clamping Range Ø min-max		Thread Length TL		Thread Ø TD		Spanner Width				Outer Ø D		Height H		Part Number
	mm	inch	mm	inch	mm	inch	SW CAP mm	SW CAP Inch	SW BODY mm	SW BODY Inch	mm	inch	mm	inch	
NPT-3/8"	5,0-10,0	0.197-0.394	15	0.591	17,14	0.675	22	0.866	22	0.866	25,0	0.984	29,0	1,141	PNC3/8
NPT-1/2"	6,0-12,0	0.236-0.472	15	0.591	21,34	0.84	24	0.945	24	0.945	27,0	1.063	29,0	1,141	PNC1/2
NPT-1/2"	10,0-14,0	0.394-0.551	15	0.591	21,34	0.84	27	1.063	27	1.063	30,9	1.217	31,0	1,220	PNC1/2W
NPT-3/4"	13,0-18,0	0.512-0.709	15	0.591	26,67	1.05	33	1.299	33	1.299	38,0	1.496	37,0	1,456	PNC3/4
NPT 1"	18,0-25,0	0.709-0.984	18	0.709	33,40	1.315	42	1.654	42	1.654	47,3	1.862	41,0	1,614	PNC1

**B. Packaging Requirements**

- 1) Standard Package 10 glands per package

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