

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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







## ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Numbers: MNPT3/8-MNPT1 Issue: 1

Spec Number: MNPT Issue Date: 02/27/2018
Page 1 of 1 Pages Effective Date: 02/27/2018

## A. Technical Details

1) Material

a) Bodyb) Capc) Seal

d) Clamping Insert

e) O-Ring

2) Protection Class

a) IP 68b) IP 66

3) Flammability

a) V2

4) Temperature Rating

a) Permanent

b) Intermittent

5) Approvals

a) UL

Brass, Nickel plated Brass, Nickel plated

CR (Chloroprene Rubber)

PA 6 (Polyamide 6)

NBR

5 Bar, 30 min

(According to UL94)

-20°C to +100°C

-40°C to +150°C

UL 514







Size	Clamping Range Ø min-max		Thread Length TL		Thread Ø TD		Spanner SW CAP		r Width SW BODY		Outer Ø D		Max. Height H		Part Number
	mm	inch	mm	inch	mm	inch	mm	Inch	mm	Inch	mm	inch	mm	inch	
NPT 3/8"	4,0-8,0	0.157-0.315	11,5	0.453	17,14	0.673	17	0.669	19	0.748	21,0	0.827	23,0	0.906	MNPT3/8
NPT 1/2"	6,0-12,0	0.236-0.472	13,0	0.512	21,34	0.839	22	0.866	22	0.866	24,5	0.965	25,5	1.004	MNPT1/2
NPT 3/4"	13,0-18,0	0.512-0.709	13,0	0.512	26,67	1.051	30	1.181	30	1.181	33,0	1.299	35,5	1.398	MNPT3/4
NPT 1"	18,0-25,0	0.709-0.984	13,0	0.512	33,40	1.315	40	1.575	43	1.693	48,5	1.909	43,0	1.693	MNPT1

## **B.** Packaging Requirements

1) Standard Package

10 glands per package

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