



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



1. MATERIALS AND FINISHES:
 BODY - BRASS, NICKEL PLATING (.000100 MIN THICK)
 INSULATOR - PTFE
 CONTACT-INNER - BRASS, GOLD PLATING (.000050 MIN THICK)
 CONTACT-OUTER -BRASS, GOLD PLATING (.000030 MIN THICK)
 HEX NUT - BRASS, NICKEL PLATING (.000100 MIN THICK)
 LOCKWASHER - PHOSPHER BRONZE, NICKEL PLATING (.000100 MIN THICK)
 GASKET - SILICONE RUBBER
 CLAMP - BRASS, SILVER PLATING (.000200 MIN THICK)
 CLAMP NUT -BRASS, NICKEL PLATING (.000100 MIN THICK)
 HEAT SHRINK TUBING - POLYOLEFIN
 FERRULE - COPPER, NICKEL PLATING (.000100 MIN THICK)
 WASHER - BRASS, SILVER PLATING (.000200 MIN THICK)

2. ELECTRICAL:

- A. IMPEDANCE: NON-CONSTANT CAN BE USED WITH 50, 75 AND 93 OHM TRIAXIAL CABLES
- B. FREQUENCY RANGE: DC - 500 MHz
- C. DIELECTRIC WITHSTANDING VOLTAGE: 5000 VRMS, MIN.

3. MECHANICAL:
A. TEMPERATURE RANGE: -65° C TO 165° C

4. FOR ASSEMBLY AND CABLE STRIPPING INSTRUCTIONS SEE 9-9950-233

5. FERRULE TO BE CRIMPED WITH .178" HEX DIE
CONTACT TO BE SOLDERED

A technical line drawing of a 1/2 inch NPT female connector. It features a cylindrical body with a threaded section and a flange. A 1/2 inch NPT male plug is inserted into the connector. The drawing shows the internal threads of the connector and the external threads of the plug. The plug has a hexagonal base and a central pin.

SCALE 1.500



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ± 0.015 (0.381 mm) ± 0.005 (0.127 mm) $\pm 1^\circ$ NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL REFERENCE McDONNELL DOUGLAS SPEC. ST5MI344JP3C	DRAWN M. SANCA	DATE 11-Aug-11	TITLE BNC SH. MNT. TRIAX CRIMP		Amphenol Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810		
		ENGINEER K. CAPOZZI	DATE 11-Aug-11			SCALE: 2.3:1 SHEET 2 OF 2		
		APPROVED K. CAPOZZI	DATE 9/9/11					
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